Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124690.D
Acq On : 22 Jul 2021 15:23
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF072221

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:20 AM

Quant Time: Jul 22 15:52:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	7295	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	28250	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	15151	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	27800	20.000	ng		0.00
76) Chrysene-d12	14.039	240	20588	20.000	ng		0.00
86) Perylene-d12	15.510	264	17872	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	34697	80.531	ng		0.00
7) Phenol-d6	6.498	99	43527	80.585	ng		0.00
23) Nitrobenzene-d5	7.439	82	38097	80.264	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	10951	84.183	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	82410	79.889	ng		0.00
79) Terphenyl-d14	12.986	244	93337	77.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	6280	41.699	ng	#	100
3) Pyridine	3.399	79	15259	42.800	ng		92
4) n-Nitrosodimethylamine	3.357	42	11504	40.802	ng		88
6) Aniline	6.534	93	22667	40.834	ng		97
8) 2-Chlorophenol	6.657	128	19816	40.777	ng		98
9) Benzaldehyde	6.422	77	11000	37.826	ng		90
10) Phenol	6.510	94	21331	41.239	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	16938	41.300	ng		99
12) 1,3-Dichlorobenzene	6.810	146	20729	39.247	ng		96
13) 1,4-Dichlorobenzene	6.892	146	21334	40.376	ng		99
14) 1,2-Dichlorobenzene	7.045	146	20557	40.266	ng		98
15) Benzyl Alcohol	7.010	79	15639	44.030	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	27671	40.087	ng		97
17) 2-Methylphenol	7.116	107	14571	41.158	ng		98
18) Hexachloroethane	7.387	117	8387	41.877	ng		92
19) n-Nitroso-di-n-propyla...	7.287	70	12130	42.056	ng		93
20) 3+4-Methylphenols	7.275	107	19051	40.730	ng		95
22) Acetophenone	7.281	105	25836	39.465	ng	#	94
24) Nitrobenzene	7.457	77	17789	38.227	ng		99
25) Isophorone	7.698	82	33089	39.425	ng		99
26) 2-Nitrophenol	7.769	139	10252	39.776	ng	#	91
27) 2,4-Dimethylphenol	7.804	122	16070	40.520	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	19263	39.496	ng		98
29) 2,4-Dichlorophenol	8.010	162	16913	40.267	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	18111	39.342	ng		99
31) Naphthalene	8.181	128	57749	39.171	ng		96
32) Benzoic acid	7.922	122	12528	40.812	ng		98
33) 4-Chloroaniline	8.222	127	21633	39.022	ng		97
34) Hexachlorobutadiene	8.292	225	10542	38.309	ng		95
35) Caprolactam	8.598	113	4630m	42.411	ng		
36) 4-Chloro-3-methylphenol	8.698	107	16444	41.045	ng		97
37) 2-Methylnaphthalene	8.869	142	39002	39.594	ng		95
38) 1-Methylnaphthalene	8.969	142	36007	38.585	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	17226	40.749	ng		96
41) Hexachlorocyclopentadiene	9.022	237	10253	40.995	ng		94
43) 2,4,6-Trichlorophenol	9.139	196	12539	41.783	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124690.D
Acq On : 22 Jul 2021 15:23
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF072221

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:20 AM

Quant Time: Jul 22 15:52:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	13136	42.631	ng		90
46) 1,1'-Biphenyl	9.333	154	45840	40.533	ng		99
47) 2-Chloronaphthalene	9.357	162	36895	41.210	ng		97
48) 2-Nitroaniline	9.451	65	9440	40.268	ng		95
49) Acenaphthylene	9.775	152	57589	41.711	ng		99
50) Dimethylphthalate	9.639	163	42398	40.640	ng		98
51) 2,6-Dinitrotoluene	9.698	165	9591	41.614	ng		96
52) Acenaphthene	9.951	154	37658	41.145	ng		97
53) 3-Nitroaniline	9.869	138	10081	41.576	ng		97
54) 2,4-Dinitrophenol	9.969	184	5283	39.640	ng		93
55) Dibenzofuran	10.122	168	53413	40.840	ng		97
56) 4-Nitrophenol	10.016	139	8204	42.846	ng		97
57) 2,4-Dinitrotoluene	10.098	165	13118	41.942	ng	#	93
58) Fluorene	10.463	166	40563	40.430	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	10534	43.287	ng	#	95
60) Diethylphthalate	10.333	149	43139	39.765	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	19256	39.702	ng		88
62) 4-Nitroaniline	10.480	138	9778	40.755	ng		88
63) Azobenzene	10.616	77	39357	41.007	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	7382	41.003	ng		96
66) n-Nitrosodiphenylamine	10.575	169	35841	39.784	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	11646	39.500	ng		88
68) Hexachlorobenzene	11.010	284	12442	40.633	ng	#	90
69) Atrazine	11.098	200	10819	39.499	ng		91
70) Pentachlorophenol	11.198	266	7968	41.847	ng		95
71) Phenanthrene	11.427	178	60162	40.237	ng		98
72) Anthracene	11.475	178	59443	39.767	ng		99
73) Carbazole	11.627	167	55428	39.559	ng		100
74) Di-n-butylphthalate	11.963	149	75081	40.230	ng		98
75) Fluoranthene	12.616	202	60889	39.906	ng		98
77) Benzidine	12.733	184	23205	39.970	ng	#	96
78) Pyrene	12.845	202	62578	38.394	ng		98
80) Butylbenzylphthalate	13.457	149	30506	39.077	ng		93
81) Benzo(a)anthracene	14.027	228	54230	40.297	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	14165	37.927	ng		97
83) Chrysene	14.068	228	52216	40.274	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	45765	39.800	ng		96
85) Di-n-octyl phthalate	14.633	149	75804	40.625	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	41246	39.975	ng		96
88) Benzo(b)fluoranthene	15.080	252	47546	37.785	ng		97
89) Benzo(k)fluoranthene	15.115	252	47391m	41.219	ng		
90) Benzo(a)pyrene	15.451	252	41915	39.875	ng		98
91) Dibenzo(a,h)anthracene	17.009	278	35175	38.942	ng		100
92) Benzo(g,h,i)perylene	17.439	276	32767	38.255	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124690.D
Acq On : 22 Jul 2021 15:23
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 22 15:52:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF072221

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:20 AM