Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124898.D
Acq On : 2 Aug 2021 9:31
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/3/2021 11:48:22 AM

Quant Time: Aug 02 11:23:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	7372	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	26337	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	14794	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	25348	20.000	ng	0.00
76) Chrysene-d12	14.021	240	17457	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	13617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	34708	79.715	ng	0.00
7) Phenol-d6	6.486	99	44684	81.863	ng	0.00
23) Nitrobenzene-d5	7.428	82	40539	91.612	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	10454	82.301	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	79108	78.538	ng	0.00
79) Terphenyl-d14	12.963	244	82543	81.051	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	6896	45.310	ng	# 100
3) Pyridine	3.393	79	16171	44.884	ng	# 88
4) n-Nitrosodimethylamine	3.351	42	11313	39.706	ng	87
6) Aniline	6.522	93	23314	41.560	ng	98
8) 2-Chlorophenol	6.645	128	19186	39.069	ng	93
9) Benzaldehyde	6.410	77	11438	38.921	ng	93
10) Phenol	6.504	94	23082	44.158	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	17535	42.309	ng	96
12) 1,3-Dichlorobenzene	6.798	146	20534	38.472	ng	99
13) 1,4-Dichlorobenzene	6.875	146	20983	39.297	ng	98
14) 1,2-Dichlorobenzene	7.028	146	19801	38.380	ng	97
15) Benzyl Alcohol	6.998	79	16437	45.793	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.133	45	27925	40.032	ng	96
17) 2-Methylphenol	7.110	107	14069	39.325	ng	97
18) Hexachloroethane	7.369	117	8403	41.519	ng	88
19) n-Nitroso-di-n-propyla...	7.275	70	12844	44.066	ng	# 92
20) 3+4-Methylphenols	7.263	107	18990	40.175	ng	# 86
22) Acetophenone	7.269	105	26071	42.717	ng	# 91
24) Nitrobenzene	7.445	77	20100	46.331	ng	95
25) Isophorone	7.681	82	34950	44.667	ng	# 90
26) 2-Nitrophenol	7.757	139	10200	42.449	ng	# 84
27) 2,4-Dimethylphenol	7.792	122	13998	37.859	ng	# 82
28) bis(2-Chloroethoxy)met...	7.886	93	20042	44.078	ng	# 96
29) 2,4-Dichlorophenol	7.998	162	15188	38.786	ng	88
30) 1,2,4-Trichlorobenzene	8.080	180	17687	41.211	ng	99
31) Naphthalene	8.163	128	54695	39.794	ng	99
32) Benzoic acid	7.916	122	7573	26.462	ng	97
33) 4-Chloroaniline	8.210	127	20633	39.922	ng	95
34) Hexachlorobutadiene	8.275	225	10978	42.791	ng	96
35) Caprolactam	8.586	113	4120	40.481	ng	95
36) 4-Chloro-3-methylphenol	8.692	107	16784	44.937	ng	95
37) 2-Methylnaphthalene	8.851	142	35601	38.766	ng	99
38) 1-Methylnaphthalene	8.951	142	34334	39.464	ng	96
40) 1,2,4,5-Tetrachloroben...	9.016	216	16787	40.669	ng	97
41) Hexachlorocyclopentadiene	9.004	237	8006	32.783	ng	96
43) 2,4,6-Trichlorophenol	9.127	196	11198	38.215	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	11717	38.943	ng		95
46) 1,1'-Biphenyl	9.316	154	43159	39.083	ng		97
47) 2-Chloronaphthalene	9.339	162	35235	40.306	ng		98
48) 2-Nitroaniline	9.439	65	10241	44.739	ng		99
49) Acenaphthylene	9.757	152	52767	39.141	ng		97
50) Dimethylphthalate	9.616	163	39795	39.066	ng		98
51) 2,6-Dinitrotoluene	9.680	165	9018	40.072	ng		96
52) Acenaphthene	9.927	154	31381	35.114	ng		96
53) 3-Nitroaniline	9.851	138	9073	38.321	ng		90
54) 2,4-Dinitrophenol	9.957	184	4548	34.949	ng		90
55) Dibenzofuran	10.098	168	49750	38.957	ng		98
56) 4-Nitrophenol	10.004	139	6274	33.557	ng	#	84
57) 2,4-Dinitrotoluene	10.080	165	11832	38.743	ng	#	95
58) Fluorene	10.445	166	38086	38.877	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	9512	40.031	ng	#	90
60) Diethylphthalate	10.316	149	41148	38.845	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	18219	38.471	ng		98
62) 4-Nitroaniline	10.463	138	8685	37.073	ng		94
63) Azobenzene	10.592	77	40185	42.881	ng		92
65) 4,6-Dinitro-2-methylph...	10.492	198	5860	35.698	ng		86
66) n-Nitrosodiphenylamine	10.551	169	32668	39.770	ng		95
67) 4-Bromophenyl-phenylether	10.921	248	10831	40.289	ng	#	82
68) Hexachlorobenzene	10.992	284	11900	42.622	ng	#	83
69) Atrazine	11.080	200	10399	41.639	ng		88
70) Pentachlorophenol	11.180	266	6051	34.854	ng		92
71) Phenanthrene	11.404	178	54788	40.187	ng		100
72) Anthracene	11.457	178	54678	40.118	ng		99
73) Carbazole	11.610	167	48957	38.320	ng		99
74) Di-n-butylphthalate	11.933	149	65290	38.368	ng		100
75) Fluoranthene	12.592	202	54248	38.993	ng		98
77) Benzidine	12.710	184	20012	40.652	ng		98
78) Pyrene	12.821	202	54488	39.426	ng		99
80) Butylbenzylphthalate	13.433	149	25076	37.883	ng		91
81) Benzo(a)anthracene	14.009	228	43470	38.095	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	11677	36.873	ng		97
83) Chrysene	14.045	228	41587	37.828	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	36180	37.107	ng		99
85) Di-n-octyl phthalate	14.604	149	54656	34.545	ng		98
87) Indeno(1,2,3-cd)pyrene	16.950	276	31583	40.174	ng		94
88) Benzo(b)fluoranthene	15.057	252	36097m	37.651	ng		
89) Benzo(k)fluoranthene	15.086	252	34363	39.227	ng		97
90) Benzo(a)pyrene	15.421	252	31141	38.883	ng		95
91) Dibenzo(a,h)anthracene	16.968	278	26990	39.217	ng		96
92) Benzo(g,h,i)perylene	17.403	276	26182	40.118	ng	#	86

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

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