Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
Data File : BF134497.D
Acq On : 26 Jul 2023 23:27
Operator : CG\JU
Sample : 03717-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 01:58:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	89393	20.000	ng	-0.01
21) Naphthalene-d8	8.104	136	304269	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	135773	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	261031	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	169254	20.000	ng	-0.02
86) Perylene-d12	15.510	264	214562	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	557145	102.973	ng	0.00
7) Phenol-d6	6.475	99	623358	94.035	ng	0.00
23) Nitrobenzene-d5	7.392	82	476737	79.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	202243	104.839	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	916081	88.576	ng	-0.01
79) Terphenyl-d14	12.951	244	819550	84.527	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	93964	40.943	ng	# 78
3) Pyridine	3.499	79	181837	35.298	ng	98
4) n-Nitrosodimethylamine	3.416	42	154447	50.732	ng	# 79
6) Aniline	6.498	93	138947	17.784	ng	# 81
8) 2-Chlorophenol	6.616	128	216414	39.482	ng	98
9) Benzaldehyde	6.387	77	89223	25.133	ng	98
10) Phenol	6.487	94	231873	33.618	ng	92
11) bis(2-Chloroethyl)ether	6.563	93	198325	41.190	ng	97
12) 1,3-Dichlorobenzene	6.763	146	223822	37.973	ng	98
13) 1,4-Dichlorobenzene	6.840	146	228723	37.707	ng	98
14) 1,2-Dichlorobenzene	6.992	146	216987	38.082	ng	97
15) Benzyl Alcohol	6.975	79	198179	38.720	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	311096	43.874	ng	93
17) 2-Methylphenol	7.087	107	170051	34.786	ng	97
18) Hexachloroethane	7.328	117	84225	36.142	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	162538	39.387	ng	99
20) 3+4-Methylphenols	7.240	107	219950	35.142	ng	94
22) Acetophenone	7.234	105	312989	41.361	ng	92
24) Nitrobenzene	7.410	77	239450	40.036	ng	99
25) Isophorone	7.645	82	405716	40.479	ng	99
26) 2-Nitrophenol	7.722	139	92427	33.600	ng	99
27) 2,4-Dimethylphenol	7.763	122	165254	38.067	ng	94
28) bis(2-Chloroethoxy)met...	7.851	93	210961	37.815	ng	99
29) 2,4-Dichlorophenol	7.969	162	182224	41.991	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	175065	37.399	ng	99
31) Naphthalene	8.122	128	579610	38.276	ng	99
32) Benzoic acid	7.881	122	60669m	20.923	ng	
33) 4-Chloroaniline	8.181	127	71194	11.374	ng	96
34) Hexachlorobutadiene	8.234	225	115215	36.741	ng	99
35) Caprolactam	8.551	113	43009	32.412	ng	95
36) 4-Chloro-3-methylphenol	8.669	107	192671	38.479	ng	99
37) 2-Methylnaphthalene	8.816	142	405449	38.535	ng	99
38) 1-Methylnaphthalene	8.916	142	316873	32.463	ng	96
40) 1,2,4,5-Tetrachloroben...	8.981	216	167552	38.942	ng	99
41) Hexachlorocyclopentadiene	8.963	237	76137	59.186	ng	95
43) 2,4,6-Trichlorophenol	9.104	196	126697	45.901	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	130524	40.587	ng		93
46) 1,1'-Biphenyl	9.281	154	507870	45.385	ng		98
47) 2-Chloronaphthalene	9.310	162	335695	40.691	ng		100
48) 2-Nitroaniline	9.410	65	135909	45.744	ng		97
49) Acenaphthylene	9.722	152	616155	44.210	ng		99
50) Dimethylphthalate	9.586	163	448255	44.537	ng		99
51) 2,6-Dinitrotoluene	9.651	165	81458	36.885	ng		99
52) Acenaphthene	9.892	154	312191	37.919	ng		99
53) 3-Nitroaniline	9.828	138	91672	36.204	ng		99
54) 2,4-Dinitrophenol	9.945	184	11828	15.939	ng		98
55) Dibenzofuran	10.069	168	488337	38.538	ng		99
56) 4-Nitrophenol	10.004	139	62855	46.549	ng		94
57) 2,4-Dinitrotoluene	10.063	165	105083	35.426	ng		91
58) Fluorene	10.410	166	451241	44.142	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	90110	36.470	ng		89
60) Diethylphthalate	10.286	149	539048	51.730	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	224648	46.003	ng		98
62) 4-Nitroaniline	10.445	138	94482	36.370	ng		95
63) Azobenzene	10.563	77	393343	41.009	ng		95
65) 4,6-Dinitro-2-methylph...	10.480	198	15025	10.034	ng		95
66) n-Nitrosodiphenylamine	10.528	169	386395	46.527	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	116834	40.851	ng	#	91
68) Hexachlorobenzene	10.963	284	133167	41.349	ng		97
69) Atrazine	11.057	200	109259	47.188	ng		98
70) Pentachlorophenol	11.163	266	58831	43.528	ng		96
71) Phenanthrene	11.380	178	514081	37.694	ng		99
72) Anthracene	11.433	178	524753	37.279	ng		99
73) Carbazole	11.592	167	465443	35.113	ng		100
74) Di-n-butylphthalate	11.916	149	667063	43.839	ng		99
75) Fluoranthene	12.574	202	512661	32.253	ng		100
77) Benzidine	12.704	184	44020	12.181	ng		96
78) Pyrene	12.804	202	503807	37.436	ng		99
80) Butylbenzylphthalate	13.421	149	238210	44.189	ng		98
81) Benzo(a)anthracene	14.004	228	444329	37.628	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	108964	29.134	ng		95
83) Chrysene	14.039	228	415749	36.809	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	333436	50.913	ng		98
85) Di-n-octyl phthalate	14.598	149	538100	59.124	ng		100
87) Indeno(1,2,3-cd)pyrene	17.045	276	402517	28.715	ng		98
88) Benzo(b)fluoranthene	15.068	252	469056	34.944	ng		97
89) Benzo(k)fluoranthene	15.098	252	410690	31.111	ng		100
90) Benzo(a)pyrene	15.445	252	439119	35.392	ng	#	97
91) Dibenzo(a,h)anthracene	17.057	278	339190	29.963	ng		97
92) Benzo(g,h,i)perylene	17.509	276	341993	29.422	ng		96

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

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