Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138225.D
Acq On : 18 Jun 2024 15:30
Operator : CG\JU
Sample : P2918-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLEMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 15:55:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	377886	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1498417	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	764231	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1068036	20.000	ng		0.00
76) Chrysene-d12	14.051	240	651344	20.000	ng		0.00
86) Perylene-d12	15.521	264	576233	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2284563	101.133	ng		0.01
7) Phenol-d6	6.528	99	2930446	102.304	ng		0.00
23) Nitrobenzene-d5	7.463	82	1814018	70.478	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	694384	91.269	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	3225771	67.119	ng		0.00
79) Terphenyl-d14	12.992	244	2485674	60.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	389290	37.657	ng		98
3) Pyridine	3.528	79	1049687	42.723	ng		99
4) n-Nitrosodimethylamine	3.481	42	535301	47.076	ng		94
6) Aniline	6.557	93	1210319	43.183	ng		99
8) 2-Chlorophenol	6.681	128	1254007	51.347	ng		98
9) Benzaldehyde	6.439	77	360489	23.695	ng		97
10) Phenol	6.540	94	1496085m	51.466	ng		
11) bis(2-Chloroethyl)ether	6.634	93	1178570	50.657	ng		99
12) 1,3-Dichlorobenzene	6.834	146	1252043	45.110	ng		98
13) 1,4-Dichlorobenzene	6.910	146	1277508	45.737	ng		99
14) 1,2-Dichlorobenzene	7.063	146	1233660	47.049	ng		100
15) Benzyl Alcohol	7.039	79	1029138	53.285	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1573462	47.920	ng		98
17) 2-Methylphenol	7.145	107	974866	50.593	ng		99
18) Hexachloroethane	7.404	117	449413	47.493	ng		91
19) n-Nitroso-di-n-propyla...	7.310	70	846505	49.855	ng		98
20) 3+4-Methylphenols	7.298	107	1138322	46.936	ng		91
22) Acetophenone	7.304	105	1448837	42.327	ng	#	91
24) Nitrobenzene	7.481	77	1235433	46.441	ng		94
25) Isophorone	7.716	82	2338964	50.240	ng		99
26) 2-Nitrophenol	7.792	139	660532	61.749	ng		97
27) 2,4-Dimethylphenol	7.828	122	856824	52.649	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	1464217	50.242	ng		100
29) 2,4-Dichlorophenol	8.034	162	1017017	48.539	ng		100
30) 1,2,4-Trichlorobenzene	8.116	180	1112326	45.016	ng		98
31) Naphthalene	8.198	128	3285609	44.344	ng		99
32) Benzoic acid	7.951	122	719531m	50.164	ng		
33) 4-Chloroaniline	8.245	127	571966	20.654	ng		97
34) Hexachlorobutadiene	8.316	225	643360	44.519	ng		99
35) Caprolactam	8.628	113	304478m	48.135	ng		
36) 4-Chloro-3-methylphenol	8.728	107	1017663	48.782	ng		99
37) 2-Methylnaphthalene	8.886	142	2214683	45.544	ng		99
38) 1-Methylnaphthalene	8.986	142	2055201	43.129	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	1009350	45.197	ng		99
41) Hexachlorocyclopentadiene	9.039	237	635232	87.235	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	719442	51.450	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	732377	47.693	ng		98
46) 1,1'-Biphenyl	9.351	154	2528777	45.094	ng		100
47) 2-Chloronaphthalene	9.380	162	2071232	46.735	ng		99
48) 2-Nitroaniline	9.475	65	586272	54.929	ng		91
49) Acenaphthylene	9.792	152	3068431	49.375	ng		99
50) Dimethylphthalate	9.657	163	2500400	53.399	ng		99
51) 2,6-Dinitrotoluene	9.716	165	551916	54.332	ng		92
52) Acenaphthene	9.963	154	1996437	47.111	ng		100
53) 3-Nitroaniline	9.880	138	410516	37.829	ng		99
54) 2,4-Dinitrophenol	9.986	184	307714	64.587	ng		95
55) Dibenzofuran	10.139	168	2696104	45.511	ng		99
56) 4-Nitrophenol	10.039	139	667745	77.864	ng		97
57) 2,4-Dinitrotoluene	10.116	165	663416	52.950	ng	#	90
58) Fluorene	10.480	166	1966475	42.219	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	541201	45.096	ng		99
60) Diethylphthalate	10.351	149	2353997	52.969	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	1065087	45.914	ng		98
62) 4-Nitroaniline	10.498	138	433460	39.977	ng		95
63) Azobenzene	10.633	77	2100290	47.173	ng		93
65) 4,6-Dinitro-2-methylph...	10.522	198	245286	45.494	ng		87
66) n-Nitrosodiphenylamine	10.592	169	1834017	56.089	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	668213	55.523	ng		97
68) Hexachlorobenzene	11.022	284	707559	50.379	ng		99
69) Atrazine	11.116	200	558641	59.982	ng		99
70) Pentachlorophenol	11.216	266	679918	83.008	ng		97
71) Phenanthrene	11.439	178	2529027	47.882	ng		100
72) Anthracene	11.492	178	2547180	48.572	ng		100
73) Carbazole	11.645	167	2091243	43.479	ng		99
74) Di-n-butylphthalate	11.974	149	3011452	60.479	ng		100
75) Fluoranthene	12.621	202	2360409	43.825	ng		98
77) Benzidine	12.745	184	985677	130.832	ng		98
78) Pyrene	12.851	202	2381204	42.384	ng		99
80) Butylbenzylphthalate	13.468	149	1038956	67.985	ng		94
81) Benzo(a)anthracene	14.039	228	2113273	50.572	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	637183	55.372	ng		99
83) Chrysene	14.074	228	2053946	51.567	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1484626	83.528	ng		98
85) Di-n-octyl phthalate	14.645	149	2560326	96.963	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1677658	44.660	ng		99
88) Benzo(b)fluoranthene	15.092	252	1897934	55.852	ng		100
89) Benzo(k)fluoranthene	15.121	252	1787264	53.667	ng		100
90) Benzo(a)pyrene	15.457	252	1604731	54.969	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	1389777	45.074	ng		100
92) Benzo(g,h,i)perylene	17.445	276	1260235	39.509	ng		98

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

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