Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138162.D
Acq On : 07 Jun 2024 16:05
Operator : CG\JU
Sample : P2704-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPOMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 17:04:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	357118	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	1381869	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	770320	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	1249444	20.000	ng		0.00
76) Chrysene-d12	14.068	240	653648	20.000	ng	#	0.00
86) Perylene-d12	15.545	264	710985	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	2103277	100.373	ng		0.00
7) Phenol-d6	6.534	99	2698008	101.764	ng		0.00
23) Nitrobenzene-d5	7.469	82	1624123	79.965	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	831847	112.209	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	3226421	73.236	ng		0.00
79) Terphenyl-d14	13.015	244	2813431	64.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	351256	36.574	ng		97
3) Pyridine	3.528	79	815800	34.666	ng		97
4) n-Nitrosodimethylamine	3.487	42	466515	40.381	ng		92
6) Aniline	6.569	93	472053	17.560	ng		98
8) 2-Chlorophenol	6.692	128	1012253	44.652	ng		95
10) Phenol	6.545	94	1172348m	43.040	ng		
11) bis(2-Chloroethyl)ether	6.645	93	911811	41.757	ng		97
12) 1,3-Dichlorobenzene	6.845	146	1073572	41.331	ng		99
13) 1,4-Dichlorobenzene	6.922	146	1084482	41.456	ng		97
14) 1,2-Dichlorobenzene	7.075	146	1033014	42.068	ng		100
15) Benzyl Alcohol	7.045	79	823046	43.874	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1324767	41.326	ng		99
17) 2-Methylphenol	7.157	107	770901	42.013	ng		97
18) Hexachloroethane	7.422	117	375453	42.051	ng		94
19) n-Nitroso-di-n-propyla...	7.322	70	684098	40.467	ng		96
20) 3+4-Methylphenols	7.310	107	991233	43.414	ng	#	87
22) Acetophenone	7.316	105	1327366	41.724	ng		98
24) Nitrobenzene	7.486	77	995433	44.990	ng		100
25) Isophorone	7.728	82	1828953	40.875	ng		97
26) 2-Nitrophenol	7.804	139	499492	52.327	ng		95
27) 2,4-Dimethylphenol	7.833	122	741755	47.725	ng		97
28) bis(2-Chloroethoxy)met...	7.939	93	1138573	41.774	ng		99
29) 2,4-Dichlorophenol	8.039	162	857263	45.764	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	950641	42.059	ng		99
31) Naphthalene	8.210	128	2811055	42.058	ng		100
32) Benzoic acid	7.951	122	631386	51.633	ng		98
33) 4-Chloroaniline	8.251	127	147169	5.859	ng		97
34) Hexachlorobutadiene	8.328	225	548078	41.265	ng		98
35) Caprolactam	8.628	113	265215m	42.401	ng		
36) 4-Chloro-3-methylphenol	8.733	107	848376	44.195	ng		99
37) 2-Methylnaphthalene	8.898	142	1913042	42.458	ng		99
38) 1-Methylnaphthalene	8.998	142	1775952	40.256	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	967517	44.487	ng		99
41) Hexachlorocyclopentadiene	9.051	237	886987	123.544	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	630338	47.737	ng		98
44) 2,4,5-Trichlorophenol	9.216	196	674747	46.374	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	2402451	44.400	ng		98
47) 2-Chloronaphthalene	9.392	162	1826157	42.349	ng		98
48) 2-Nitroaniline	9.486	65	484962	45.533	ng		94
49) Acenaphthylene	9.804	152	2789404	45.711	ng		100
50) Dimethylphthalate	9.669	163	2129932	44.004	ng		100
51) 2,6-Dinitrotoluene	9.727	165	471479	45.102	ng		88
52) Acenaphthene	9.980	154	1893415	45.922	ng		98
53) 3-Nitroaniline	9.892	138	152300	16.540	ng	#	92
54) 2,4-Dinitrophenol	9.998	184	388889	89.222	ng		99
55) Dibenzofuran	10.151	168	2522766	43.258	ng		99
56) 4-Nitrophenol	10.051	139	641097	87.082	ng		95
57) 2,4-Dinitrotoluene	10.127	165	604193	48.243	ng		92
58) Fluorene	10.492	166	1964850	42.417	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	562392	49.003	ng		99
60) Diethylphthalate	10.369	149	2043018	43.238	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	1007740	42.823	ng		97
62) 4-Nitroaniline	10.510	138	395096	43.731	ng		94
63) Azobenzene	10.645	77	1912753	42.028	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	271650	55.169	ng		84
66) n-Nitrosodiphenylamine	10.604	169	1754517	47.024	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	661138	46.472	ng		95
68) Hexachlorobenzene	11.033	284	739665	44.722	ng		94
69) Atrazine	11.127	200	514229	42.837	ng		99
70) Pentachlorophenol	11.227	266	828165	93.540	ng		98
71) Phenanthrene	11.457	178	2637353	43.847	ng		98
72) Anthracene	11.504	178	2680553	44.682	ng		99
73) Carbazole	11.657	167	2127361	38.776	ng		99
74) Di-n-butylphthalate	11.992	149	2919743	45.277	ng		99
75) Fluoranthene	12.639	202	2318491	35.724	ng		99
77) Benzidine	12.763	184	177637	26.409	ng		99
78) Pyrene	12.868	202	2292897	38.787	ng		97
80) Butylbenzylphthalate	13.492	149	903497	46.285	ng		91
81) Benzo(a)anthracene	14.057	228	1834083	44.474	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	333232	31.881	ng		97
83) Chrysene	14.092	228	1784982	45.101	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	1224481	43.055	ng		98
85) Di-n-octyl phthalate	14.668	149	2046531	52.279	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	1194512	32.102	ng		98
88) Benzo(b)fluoranthene	15.115	252	1930332	43.188	ng		100
89) Benzo(k)fluoranthene	15.145	252	1899456	44.564	ng		99
90) Benzo(a)pyrene	15.486	252	1577153	46.592	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	917742	31.038	ng		99
92) Benzo(g,h,i)perylene	17.486	276	908625	29.490	ng		99

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

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