Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138333.D
Acq On : 25 Jun 2024 14:35
Operator : CG\JU
Sample : P2998-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 07:15:51 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	6.887	152	226388	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	924845	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	531101	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	979735	20.000	ng		0.00
76) Chrysene-d12	14.051	240	488793	20.000	ng		0.00
86) Perylene-d12	15.521	264	452820	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1770366	130.816	ng		0.02
7) Phenol-d6	6.528	99	2186132	127.392	ng		0.00
23) Nitrobenzene-d5	7.451	82	1432506	90.172	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	799768	151.264	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2838571	84.989	ng		0.00
79) Terphenyl-d14	12.998	244	3105589	100.630	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.946	88	230086	37.151	ng	#	82
3) Pyridine	3.622	79	456942	31.043	ng		95
4) n-Nitrosodimethylamine	3.563	42	295127	43.323	ng		90
6) Aniline	6.551	93	146155	8.704	ng	#	88
8) 2-Chlorophenol	6.675	128	733576	50.138	ng		99
10) Phenol	6.539	94	814325	46.760	ng		96
11) bis(2-Chloroethyl)ether	6.628	93	657016	47.138	ng		99
12) 1,3-Dichlorobenzene	6.828	146	708776	42.626	ng		99
13) 1,4-Dichlorobenzene	6.904	146	719472	42.996	ng		99
14) 1,2-Dichlorobenzene	7.057	146	699741	44.545	ng		99
15) Benzyl Alcohol	7.028	79	520977	45.025	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	823511	41.864	ng		94
17) 2-Methylphenol	7.139	107	579590	50.209	ng		98
18) Hexachloroethane	7.398	117	257343	45.395	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	478658	47.056	ng		98
20) 3+4-Methylphenols	7.292	107	694699	47.813	ng		94
22) Acetophenone	7.298	105	847702	40.124	ng	#	94
24) Nitrobenzene	7.469	77	721312	43.931	ng		95
25) Isophorone	7.710	82	1352217	47.058	ng		99
26) 2-Nitrophenol	7.786	139	411851	62.379	ng		98
27) 2,4-Dimethylphenol	7.822	122	519440	51.713	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	839053	46.646	ng		100
29) 2,4-Dichlorophenol	8.028	162	643332	49.747	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	672457	44.092	ng		98
31) Naphthalene	8.192	128	2043928	44.694	ng		99
32) Benzoic acid	7.957	122	480659	54.293	ng		98
33) 4-Chloroaniline	8.239	127	53619	3.137	ng		98
34) Hexachlorobutadiene	8.304	225	386485	43.330	ng		98
35) Caprolactam	8.622	113	181511m	46.491	ng		
36) 4-Chloro-3-methylphenol	8.728	107	670911	52.105	ng		98
37) 2-Methylnaphthalene	8.880	142	1422895	47.409	ng		100
38) 1-Methylnaphthalene	8.980	142	1319997	44.880	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	653632	42.116	ng		99
41) Hexachlorocyclopentadiene	9.033	237	660103	130.442	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	500396	51.493	ng		100
44) 2,4,5-Trichlorophenol	9.210	196	526915	49.375	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.345	154	1696024	43.520	ng		98
47) 2-Chloronaphthalene	9.375	162	1403587	45.572	ng		97
48) 2-Nitroaniline	9.469	65	379263	51.132	ng		94
49) Acenaphthylene	9.792	152	2149221	49.764	ng		99
50) Dimethylphthalate	9.651	163	1728042	53.104	ng		100
51) 2,6-Dinitrotoluene	9.710	165	397050	56.243	ng		95
52) Acenaphthene	9.963	154	1529783m	51.945	ng		
53) 3-Nitroaniline	9.875	138	54267	7.196	ng		99
54) 2,4-Dinitrophenol	9.986	184	451898	110.196	ng		97
55) Dibenzofuran	10.133	168	1954867	47.484	ng		99
56) 4-Nitrophenol	10.045	139	506851	85.046	ng		95
57) 2,4-Dinitrotoluene	10.116	165	530204	60.893	ng	#	92
58) Fluorene	10.475	166	1513906	46.770	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	452075	54.204	ng		99
60) Diethylphthalate	10.351	149	1659479	53.732	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	778038	48.262	ng		97
62) 4-Nitroaniline	10.498	138	256295	34.014	ng		93
63) Azobenzene	10.627	77	1467981	47.444	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	317659	61.371	ng		91
66) n-Nitrosodiphenylamine	10.586	169	999352	33.317	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	531692	48.161	ng		94
68) Hexachlorobenzene	11.022	284	604939	46.954	ng		97
69) Atrazine	11.104	200	136994	16.035	ng		99
70) Pentachlorophenol	11.216	266	683808	91.007	ng		98
71) Phenanthrene	11.439	178	2224093	45.904	ng		100
72) Anthracene	11.492	178	2268176	47.150	ng		100
73) Carbazole	11.639	167	1357450	30.766	ng		99
74) Di-n-butylphthalate	11.969	149	2539970	55.607	ng		99
75) Fluoranthene	12.627	202	2120740	42.924	ng		98
77) Benzidine	12.751	184	25050m	4.431	ng		
78) Pyrene	12.857	202	2094512	49.679	ng		99
80) Butylbenzylphthalate	13.468	149	841012	73.334	ng		98
81) Benzo(a)anthracene	14.039	228	1549657	49.417	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	24974	2.892	ng		97
83) Chrysene	14.074	228	1487471	49.764	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1116675	83.720	ng		99
85) Di-n-octyl phthalate	14.639	149	1776770	89.666	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1695215	57.427	ng		99
88) Benzo(b)fluoranthene	15.092	252	1528692	57.247	ng		99
89) Benzo(k)fluoranthene	15.121	252	1549587	59.212	ng		99
90) Benzo(a)pyrene	15.462	252	1367368	59.604	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	1441062	59.475	ng		98
92) Benzo(g,h,i)perylene	17.462	276	1211218	48.321	ng		100

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

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