Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
Data File : BF136880.D
Acq On : 02 Jan 2024 19:55
Operator : CG\JU
Sample : 05899-17MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

Quant Time: Jan 03 02:03:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	76287	20.000	ng		-0.01
21) Naphthalene-d8	8.057	136	293709	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	152592	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	291768	20.000	ng		0.00
76) Chrysene-d12	13.963	240	161124	20.000	ng		0.00
86) Perylene-d12	15.439	264	154078	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	466050	95.320	ng		0.00
7) Phenol-d6	6.434	99	587884	92.794	ng		0.00
23) Nitrobenzene-d5	7.345	82	367486	64.025	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	173953	96.796	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	728228	64.188	ng		-0.01
79) Terphenyl-d14	12.904	244	776115	67.314	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	80986	39.754	ng		96
3) Pyridine	3.393	79	190729	38.372	ng		93
4) n-Nitrosodimethylamine	3.363	42	106735	40.212	ng		98
6) Aniline	6.446	93	219967	34.727	ng	#	1
8) 2-Chlorophenol	6.569	128	229257	42.848	ng		96
9) Benzaldehyde	6.334	77	50189	13.928	ng		95
10) Phenol	6.446	94	279174	41.279	ng		96
11) bis(2-Chloroethyl)ether	6.522	93	212864	41.387	ng		98
12) 1,3-Dichlorobenzene	6.722	146	231623	39.683	ng		97
13) 1,4-Dichlorobenzene	6.798	146	236818	39.708	ng		97
14) 1,2-Dichlorobenzene	6.945	146	225074	40.557	ng		99
15) Benzyl Alcohol	6.928	79	183231	42.870	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	333299	39.637	ng		94
17) 2-Methylphenol	7.045	107	178839	40.347	ng		97
18) Hexachloroethane	7.287	117	84765	39.136	ng		93
19) n-Nitroso-di-n-propyla...	7.198	70	150898	39.292	ng		97
20) 3+4-Methylphenols	7.198	107	221962	40.082	ng	#	71
22) Acetophenone	7.192	105	311747	42.347	ng		94
24) Nitrobenzene	7.363	77	231842	40.322	ng		98
25) Isophorone	7.604	82	420565	40.268	ng		99
26) 2-Nitrophenol	7.681	139	119798	43.548	ng		99
27) 2,4-Dimethylphenol	7.722	122	174141	51.997	ng		96
28) bis(2-Chloroethoxy)met...	7.810	93	259536	40.882	ng		100
29) 2,4-Dichlorophenol	7.922	162	183261	42.503	ng		98
30) 1,2,4-Trichlorobenzene	7.998	180	194460	40.479	ng		98
31) Naphthalene	8.081	128	658065	40.783	ng		100
32) Benzoic acid	7.869	122	135740	41.889	ng		97
33) 4-Chloroaniline	8.134	127	67332	11.302	ng		98
34) Hexachlorobutadiene	8.192	225	112303	38.477	ng		99
35) Caprolactam	8.516	113	61690m	43.371	ng		
36) 4-Chloro-3-methylphenol	8.634	107	203380	41.900	ng		99
37) 2-Methylnaphthalene	8.775	142	418599	40.310	ng		99
38) 1-Methylnaphthalene	8.875	142	396073	38.877	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	207219	43.849	ng		100
41) Hexachlorocyclopentadiene	8.922	237	145077	95.287	ng		100
43) 2,4,6-Trichlorophenol	9.057	196	127496	42.068	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	138248	40.935	ng		97
46) 1,1'-Biphenyl	9.239	154	546019	42.642	ng		99
47) 2-Chloronaphthalene	9.263	162	396270	40.708	ng		99
48) 2-Nitroaniline	9.369	65	125417	41.143	ng		91
49) Acenaphthylene	9.681	152	661004	44.426	ng		99
50) Dimethylphthalate	9.545	163	466278	41.835	ng		99
51) 2,6-Dinitrotoluene	9.610	165	102319	40.450	ng		90
52) Acenaphthene	9.851	154	376348	40.805	ng		97
53) 3-Nitroaniline	9.781	138	69186	25.820	ng		91
54) 2,4-Dinitrophenol	9.892	184	89466	64.572	ng	#	87
55) Dibenzofuran	10.028	168	572270	40.932	ng		97
56) 4-Nitrophenol	9.963	139	138559	76.600	ng		94
57) 2,4-Dinitrotoluene	10.022	165	129989	39.585	ng		96
58) Fluorene	10.369	166	457240	41.217	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	114501	44.043	ng		95
60) Diethylphthalate	10.245	149	467500	40.426	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	218329	40.490	ng		94
62) 4-Nitroaniline	10.404	138	99852m	38.655	ng		
63) Azobenzene	10.522	77	434619	40.238	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	63236	37.818	ng		99
66) n-Nitrosodiphenylamine	10.486	169	408909	43.143	ng		98
67) 4-Bromophenyl-phenylether	10.851	248	133086	41.072	ng		99
68) Hexachlorobenzene	10.916	284	148928	41.243	ng		96
69) Atrazine	11.016	200	130774	53.946	ng		99
70) Pentachlorophenol	11.122	266	130980	77.819	ng		100
71) Phenanthrene	11.333	178	648671	43.329	ng		99
72) Anthracene	11.386	178	659811	43.519	ng		99
73) Carbazole	11.545	167	610580	42.714	ng		100
74) Di-n-butylphthalate	11.875	149	740170	42.434	ng		100
75) Fluoranthene	12.527	202	668740	41.761	ng		98
77) Benzidine	12.657	184	173621	36.545	ng		99
78) Pyrene	12.757	202	665678	42.086	ng		100
80) Butylbenzylphthalate	13.380	149	259364	45.065	ng		96
81) Benzo(a)anthracene	13.951	228	478350	42.755	ng		98
82) 3,3'-Dichlorobenzidine	13.916	252	119760	37.691	ng		98
83) Chrysene	13.992	228	457911	41.853	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	342256	47.264	ng	#	96
85) Di-n-octyl phthalate	14.557	149	520605	46.477	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	481421	43.275	ng		100
88) Benzo(b)fluoranthene	15.010	252	407657	39.613	ng		99
89) Benzo(k)fluoranthene	15.039	252	398063	40.936	ng		99
90) Benzo(a)pyrene	15.380	252	361770	41.646	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	403000	44.156	ng		98
92) Benzo(g,h,i)perylene	17.409	276	392708	42.011	ng		98

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

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