Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
Data File : BM044813.D
Acq On : 29 Mar 2024 12:34
Operator : MA/JU
Sample : P1869-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 29 13:08:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:24:21 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	99618	20.000	ng		0.00
21) Naphthalene-d8	10.445	136	374088	20.000	ng		-0.01
39) Acenaphthene-d10	14.315	164	201804	20.000	ng		0.00
64) Phenanthrene-d10	17.068	188	385346	20.000	ng		-0.01
76) Chrysene-d12	21.268	240	401835	20.000	ng		-0.01
86) Perylene-d12	23.503	264	499132	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	880176	126.541	ng		0.00
7) Phenol-d6	6.851	99	1010164	111.963	ng		0.00
23) Nitrobenzene-d5	8.828	82	726562	87.556	ng		-0.01
42) 2,4,6-Tribromophenol	15.815	330	338920	153.690	ng		0.00
45) 2-Fluorobiphenyl	12.927	172	1312328	83.289	ng		-0.01
79) Terphenyl-d14	19.715	244	1903449	80.276	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	107607	39.147	ng	#	47
3) Pyridine	3.663	79	217667	28.179	ng		98
4) n-Nitrosodimethylamine	3.575	42	173432	42.792	ng		98
6) Aniline	7.010	93	118820	11.308	ng		99
8) 2-Chlorophenol	7.234	128	308738	43.822	ng		98
9) Benzaldehyde	6.828	77	41273m	8.797	ng		
10) Phenol	6.875	94	348631	39.137	ng		98
11) bis(2-Chloroethyl)ether	7.110	93	295022	42.072	ng		98
12) 1,3-Dichlorobenzene	7.551	146	322905	43.870	ng		97
13) 1,4-Dichlorobenzene	7.704	146	328968	43.985	ng		99
14) 1,2-Dichlorobenzene	8.010	146	316353	43.876	ng		99
15) Benzyl Alcohol	7.916	79	274461	44.422	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.186	45	460460	43.478	ng		97
17) 2-Methylphenol	8.110	107	239069	38.017	ng		99
18) Hexachloroethane	8.722	117	127492	43.723	ng		98
19) n-Nitroso-di-n-propyla...	8.481	70	225376	41.281	ng		97
20) 3+4-Methylphenols	8.439	107	329233	38.743	ng		97
22) Acetophenone	8.492	105	448925	44.247	ng	#	99
24) Nitrobenzene	8.869	77	352602	43.497	ng		98
25) Isophorone	9.392	82	603264	45.083	ng		99
26) 2-Nitrophenol	9.569	139	157689	44.131	ng		98
27) 2,4-Dimethylphenol	9.633	122	203770	34.735	ng		98
28) bis(2-Chloroethoxy)met...	9.875	93	363856	43.254	ng		98
29) 2,4-Dichlorophenol	10.098	162	257444	45.217	ng		99
30) 1,2,4-Trichlorobenzene	10.304	180	272422	45.469	ng		98
31) Naphthalene	10.492	128	880538	42.851	ng		99
32) Benzoic acid	9.775	122	183362	41.638	ng		95
33) 4-Chloroaniline	10.627	127	45792	5.407	ng		97
34) Hexachlorobutadiene	10.763	225	153010	43.013	ng		98
35) Caprolactam	11.422	113	73007	44.013	ng		94
36) 4-Chloro-3-methylphenol	11.745	107	266846	45.073	ng		98
37) 2-Methylnaphthalene	12.116	142	566069	41.981	ng		100
38) 1-Methylnaphthalene	12.333	142	528696	42.067	ng		99
40) 1,2,4,5-Tetrachloroben...	12.480	216	272239	43.133	ng		99
41) Hexachlorocyclopentadiene	12.451	237	296143	87.426	ng		100
43) 2,4,6-Trichlorophenol	12.733	196	188021	44.512	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	201466	41.414	ng	99
46) 1,1'-Biphenyl	13.139	154	704716	43.150	ng	100
47) 2-Chloronaphthalene	13.180	162	545805	44.430	ng	100
48) 2-Nitroaniline	13.404	65	194645	45.745	ng	97
49) Acenaphthylene	14.033	152	899756	46.212	ng	99
50) Dimethylphthalate	13.786	163	657206	46.315	ng	99
51) 2,6-Dinitrotoluene	13.910	165	144253	46.908	ng	97
52) Acenaphthene	14.380	154	496759	43.127	ng	99
53) 3-Nitroaniline	14.239	138	83745	23.906	ng	96
54) 2,4-Dinitrophenol	14.457	184	179769	93.850	ng	98
55) Dibenzofuran	14.715	168	800367	44.287	ng	98
56) 4-Nitrophenol	14.557	139	270781	100.440	ng	99
57) 2,4-Dinitrotoluene	14.704	165	199549	51.718	ng	100
58) Fluorene	15.368	166	638483	45.975	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	163964	47.236	ng	99
60) Diethylphthalate	15.157	149	661963	49.687	ng	99
61) 4-Chlorophenyl-phenyle...	15.368	204	299661	45.474	ng	97
62) 4-Nitroaniline	15.409	138	160653m	47.754	ng	
63) Azobenzene	15.662	77	717230	48.310	ng	99
65) 4,6-Dinitro-2-methylph...	15.462	198	111937	46.677	ng	100
66) n-Nitrosodiphenylamine	15.592	169	532070	41.652	ng	98
67) 4-Bromophenyl-phenylether	16.268	248	179053	42.445	ng	97
68) Hexachlorobenzene	16.368	284	213179	46.687	ng	97
69) Atrazine	16.551	200	176096	50.438	ng	98
70) Pentachlorophenol	16.721	266	301524	99.770	ng	98
71) Phenanthrene	17.115	178	962591	44.775	ng	100
72) Anthracene	17.203	178	980320	45.146	ng	99
73) Carbazole	17.480	167	960811	49.552	ng	100
74) Di-n-butylphthalate	18.050	149	1157577	54.360	ng	99
75) Fluoranthene	19.139	202	1142286	53.230	ng	98
77) Benzidine	19.339	184	94393	10.895	ng	99
78) Pyrene	19.503	202	1217439	38.021	ng	100
80) Butylbenzylphthalate	20.421	149	551614	47.367	ng	99
81) Benzo(a)anthracene	21.256	228	1280813	45.727	ng	99
82) 3,3'-Dichlorobenzidine	21.197	252	322041	33.156	ng	98
83) Chrysene	21.309	228	1225959	45.667	ng	99
84) Bis(2-ethylhexyl)phtha...	21.197	149	811797	51.141	ng	99
85) Di-n-octyl phthalate	22.086	149	1501832	55.911	ng	100
87) Indeno(1,2,3-cd)pyrene	25.762	276	1756462	46.326	ng	99
88) Benzo(b)fluoranthene	22.833	252	1400664	49.521	ng	100
89) Benzo(k)fluoranthene	22.880	252	1385442	48.780	ng	100
90) Benzo(a)pyrene	23.409	252	1313577	45.763	ng	99
91) Dibenzo(a,h)anthracene	25.779	278	1446664	46.070	ng	98
92) Benzo(g,h,i)perylene	26.450	276	1366385	41.822	ng	99

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

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