Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047155.D
Acq On : 12 Aug 2024 13:45
Operator : RC/JU
Sample : P3390-01
Misc : LOD-MDL-SOIL-8NG
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 12 15:07:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	301603	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	1319220	20.000	ng		0.00
39) Acenaphthene-d10	14.027	164	875363	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1984819	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1868008	20.000	ng		0.00
86) Perylene-d12	23.727	264	2209570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	2277744	134.944	ng		0.00
7) Phenol-d6	6.587	99	3206631	137.872	ng		0.00
23) Nitrobenzene-d5	8.522	82	2210926	84.389	ng		0.00
42) 2,4,6-Tribromophenol	15.539	330	1494230	147.215	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	4809226	84.746	ng		0.00
79) Terphenyl-d14	19.462	244	8310315	95.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.040	88	60576	8.662	ng		98
3) Pyridine	3.416	79	153303	7.475	ng		97
4) n-Nitrosodimethylamine	3.328	42	76357	8.522	ng	#	94
6) Aniline	6.722	93	240253	10.929	ng		99
8) 2-Chlorophenol	6.945	128	162072	8.804	ng		99
9) Benzaldehyde	6.534	77	150243m	9.042	ng		
10) Phenol	6.610	94	192428	8.292	ng		99
11) bis(2-Chloroethyl)ether	6.822	93	177901	8.951	ng		96
12) 1,3-Dichlorobenzene	7.263	146	184379	8.428	ng		99
13) 1,4-Dichlorobenzene	7.404	146	188281	8.500	ng		99
14) 1,2-Dichlorobenzene	7.716	146	185290	8.866	ng		99
15) Benzyl Alcohol	7.622	79	159294	9.623	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.910	45	239956	9.409	ng		99
17) 2-Methylphenol	7.828	107	136114	8.791	ng		97
18) Hexachloroethane	8.422	117	72153	8.410	ng		92
19) n-Nitroso-di-n-propyla...	8.181	70	149817	9.563	ng		97
20) 3+4-Methylphenols	8.157	107	187470	8.661	ng		98
22) Acetophenone	8.192	105	283572	8.905	ng		97
24) Nitrobenzene	8.557	77	219218	8.310	ng		98
25) Isophorone	9.086	82	395130	8.662	ng		98
26) 2-Nitrophenol	9.263	139	86680	7.419	ng		98
27) 2,4-Dimethylphenol	9.339	122	118339	8.647	ng		97
28) bis(2-Chloroethoxy)met...	9.575	93	250978	8.744	ng		98
29) 2,4-Dichlorophenol	9.792	162	160657	7.912	ng		99
30) 1,2,4-Trichlorobenzene	9.998	180	183738	7.995	ng		99
31) Naphthalene	10.175	128	549144	8.356	ng		99
32) Benzoic acid	9.451	122	92771m	5.835	ng		
33) 4-Chloroaniline	10.304	127	230411	9.117	ng		99
34) Hexachlorobutadiene	10.463	225	100157	7.446	ng		99
35) Caprolactam	11.092	113	57299m	8.125	ng		
36) 4-Chloro-3-methylphenol	11.445	107	171398	7.925	ng		100
37) 2-Methylnaphthalene	11.804	142	388888	8.311	ng		99
38) 1-Methylnaphthalene	12.027	142	378233	8.179	ng		98
40) 1,2,4,5-Tetrachloroben...	12.186	216	193693	8.112	ng		99
41) Hexachlorocyclopentadiene	12.163	237	78745	9.445	ng		98
43) 2,4,6-Trichlorophenol	12.439	196	130760	7.705	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	143074	7.593	ng	97
46) 1,1'-Biphenyl	12.851	154	532580	8.546	ng	99
47) 2-Chloronaphthalene	12.886	162	419024	8.603	ng	99
48) 2-Nitroaniline	13.110	65	128878	8.446	ng	94
49) Acenaphthylene	13.745	152	691183	9.627	ng	99
50) Dimethylphthalate	13.504	163	541905	8.864	ng	100
51) 2,6-Dinitrotoluene	13.621	165	115771	8.101	ng	96
52) Acenaphthene	14.092	154	393925	8.649	ng	99
53) 3-Nitroaniline	13.951	138	120154	8.390	ng	98
54) 2,4-Dinitrophenol	14.168	184	48953	5.715	ng	94
55) Dibenzofuran	14.433	168	651379	9.055	ng	99
56) 4-Nitrophenol	14.292	139	95429	7.728	ng	95
57) 2,4-Dinitrotoluene	14.421	165	152018	7.969	ng	92
58) Fluorene	15.092	166	531643	8.957	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	127898	8.259	ng	94
60) Diethylphthalate	14.892	149	547764	8.774	ng	98
61) 4-Chlorophenyl-phenyle...	15.098	204	246708	8.730	ng	99
62) 4-Nitroaniline	15.127	138	117874m	8.355	ng	
63) Azobenzene	15.392	77	537085	9.073	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	77257	6.648	ng	96
66) n-Nitrosodiphenylamine	15.315	169	461350	8.534	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	146776	7.674	ng	94
68) Hexachlorobenzene	16.098	284	182329	7.960	ng	99
69) Atrazine	16.286	200	163422	10.046	ng	98
70) Pentachlorophenol	16.451	266	101680	6.332	ng	99
71) Phenanthrene	16.833	178	858077	8.614	ng	99
72) Anthracene	16.921	178	845394	8.722	ng	100
73) Carbazole	17.204	167	821269	8.299	ng	99
74) Di-n-butylphthalate	17.792	149	949251	8.244	ng	99
75) Fluoranthene	18.868	202	985968	8.138	ng	99
77) Benzidine	19.074	184	346989	10.953	ng	99
78) Pyrene	19.233	202	1042805	7.818	ng	99
80) Butylbenzylphthalate	20.174	149	421036	7.735	ng	98
81) Benzo(a)anthracene	21.009	228	1011740	8.159	ng	99
82) 3,3'-Dichlorobenzidine	20.956	252	371226	9.568	ng	99
83) Chrysene	21.068	228	947196	8.051	ng	98
84) Bis(2-ethylhexyl)phtha...	20.974	149	629384	8.153	ng	99
85) Di-n-octyl phthalate	22.009	149	1001117	7.630	ng	98
87) Indeno(1,2,3-cd)pyrene	26.709	276	1133665	7.938	ng	99
88) Benzo(b)fluoranthene	22.880	252	1055112	8.041	ng	99
89) Benzo(k)fluoranthene	22.938	252	979390	7.902	ng	99
90) Benzo(a)pyrene	23.597	252	887084	7.804	ng	99
91) Dibenzo(a,h)anthracene	26.762	278	943732	8.165	ng	98
92) Benzo(g,h,i)perylene	27.638	276	912547	7.604	ng	99

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

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