Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047159.D
Acq On : 12 Aug 2024 17:28
Operator : RC/JU
Sample : P3390-02
Misc : LOQ-SOIL-5NG
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 12 18:06:36 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 :
LOQ-SOIL-02-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	253997	20.000	ng		0.00
21) Naphthalene-d8	10.127	136	1065262	20.000	ng		0.00
39) Acenaphthene-d10	14.033	164	719266	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1582517	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1533970	20.000	ng		0.00
86) Perylene-d12	23.727	264	1738821	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1320829	92.919	ng		0.00
7) Phenol-d6	6.581	99	1816989	92.766	ng		0.00
23) Nitrobenzene-d5	8.522	82	1667239	78.808	ng		0.00
42) 2,4,6-Tribromophenol	15.539	330	827845	99.262	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	3646446	78.201	ng		0.00
79) Terphenyl-d14	19.462	244	6181461	86.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	30093	5.109	ng		99
3) Pyridine	3.416	79	78913	4.569	ng		96
4) n-Nitrosodimethylamine	3.334	42	37509	4.971	ng	#	88
6) Aniline	6.722	93	115611	6.245	ng		99
8) 2-Chlorophenol	6.945	128	77879	5.023	ng		95
9) Benzaldehyde	6.539	77	74697m	4.965	ng		
10) Phenol	6.604	94	97257	4.976	ng		91
11) bis(2-Chloroethyl)ether	6.822	93	86757	5.183	ng		99
12) 1,3-Dichlorobenzene	7.263	146	92648	5.029	ng		99
13) 1,4-Dichlorobenzene	7.410	146	95691	5.130	ng		99
14) 1,2-Dichlorobenzene	7.716	146	91067	5.174	ng		96
15) Benzyl Alcohol	7.622	79	76493	5.487	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.910	45	116724	5.435	ng		98
17) 2-Methylphenol	7.828	107	62534	4.796	ng		98
18) Hexachloroethane	8.428	117	35209	4.873	ng		96
19) n-Nitroso-di-n-propyla...	8.181	70	71856	5.446	ng		97
20) 3+4-Methylphenols	8.157	107	88734	4.868	ng		97
22) Acetophenone	8.192	105	138336	5.380	ng	#	95
24) Nitrobenzene	8.557	77	110772	5.200	ng		99
25) Isophorone	9.086	82	189210	5.137	ng		99
26) 2-Nitrophenol	9.263	139	39430	4.179	ng		97
27) 2,4-Dimethylphenol	9.339	122	46775	4.233	ng		97
28) bis(2-Chloroethoxy)met...	9.575	93	118526	5.114	ng		99
29) 2,4-Dichlorophenol	9.798	162	75826	4.624	ng		99
30) 1,2,4-Trichlorobenzene	9.998	180	89033	4.798	ng		98
31) Naphthalene	10.175	128	270019	5.088	ng		98
32) Benzoic acid	9.433	122	41483m	3.231	ng		
33) 4-Chloroaniline	10.310	127	108213	5.303	ng		98
34) Hexachlorobutadiene	10.463	225	47862	4.407	ng		99
35) Caprolactam	11.086	113	26795m	4.705	ng		
36) 4-Chloro-3-methylphenol	11.445	107	81102	4.644	ng		96
37) 2-Methylnaphthalene	11.804	142	184246	4.876	ng		98
38) 1-Methylnaphthalene	12.027	142	186780	5.002	ng		98
40) 1,2,4,5-Tetrachloroben...	12.186	216	95936	4.890	ng		100
41) Hexachlorocyclopentadiene	12.163	237	16546	2.415	ng		94
43) 2,4,6-Trichlorophenol	12.445	196	61927	4.441	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	68891	4.450	ng		97
46) 1,1'-Biphenyl	12.851	154	265015	5.175	ng		99
47) 2-Chloronaphthalene	12.886	162	206476	5.159	ng		99
48) 2-Nitroaniline	13.110	65	56849	4.534	ng		92
49) Acenaphthylene	13.745	152	332860	5.642	ng		100
50) Dimethylphthalate	13.510	163	262043	5.216	ng		99
51) 2,6-Dinitrotoluene	13.621	165	53021	4.515	ng		94
52) Acenaphthene	14.092	154	196352	5.247	ng		98
53) 3-Nitroaniline	13.957	138	53356	4.534	ng		98
54) 2,4-Dinitrophenol	14.174	184	20914	2.972	ng		93
55) Dibenzofuran	14.433	168	327040	5.533	ng		99
56) 4-Nitrophenol	14.298	139	40930	4.034	ng		89
57) 2,4-Dinitrotoluene	14.421	165	67132	4.283	ng	#	80
58) Fluorene	15.092	166	261328	5.358	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.674	232	60939	4.789	ng		97
60) Diethylphthalate	14.892	149	260478	5.078	ng		99
61) 4-Chlorophenyl-phenyle...	15.098	204	123114	5.302	ng		99
62) 4-Nitroaniline	15.127	138	49635m	4.282	ng		
63) Azobenzene	15.392	77	256798	5.280	ng		98
65) 4,6-Dinitro-2-methylph...	15.192	198	31168	3.364	ng		91
66) n-Nitrosodiphenylamine	15.315	169	220841	5.123	ng		99
67) 4-Bromophenyl-phenylether	15.992	248	70673	4.634	ng		96
68) Hexachlorobenzene	16.098	284	89893	4.922	ng		97
69) Atrazine	16.286	200	75016	5.784	ng		98
70) Pentachlorophenol	16.451	266	44454	3.472	ng		98
71) Phenanthrene	16.833	178	432490	5.446	ng		100
72) Anthracene	16.927	178	379252	4.908	ng		99
73) Carbazole	17.203	167	390232	4.946	ng		100
74) Di-n-butylphthalate	17.792	149	440747	4.801	ng		99
75) Fluoranthene	18.868	202	480192	4.971	ng		99
77) Benzidine	19.074	184	111254	4.277	ng		98
78) Pyrene	19.233	202	503546	4.597	ng		99
80) Butylbenzylphthalate	20.174	149	191527	4.285	ng		97
81) Benzo(a)anthracene	21.009	228	504577	4.955	ng		99
82) 3,3'-Dichlorobenzidine	20.956	252	163956	5.146	ng		99
83) Chrysene	21.068	228	474445	4.911	ng		99
84) Bis(2-ethylhexyl)phtha...	20.974	149	289291	4.564	ng		98
85) Di-n-octyl phthalate	22.009	149	443883	4.120	ng		97
87) Indeno(1,2,3-cd)pyrene	26.709	276	558269	4.967	ng		98
88) Benzo(b)fluoranthene	22.880	252	509979	4.939	ng		98
89) Benzo(k)fluoranthene	22.938	252	485771	4.980	ng		99
90) Benzo(a)pyrene	23.597	252	423623	4.736	ng		99
91) Dibenzo(a,h)anthracene	26.768	278	468994	5.156	ng		98
92) Benzo(g,h,i)perylene	27.638	276	459610	4.867	ng		99

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

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