Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139253.D
Acq On : 05 Sep 2024 10:35
Operator : RC/JU
Sample : P2403-02
Misc : LOQ-SOIL-5 ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 10:57:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	136285	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	506395	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	272876	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	497374	20.000	ng		0.00
76) Chrysene-d12	14.051	240	244312	20.000	ng		0.00
86) Perylene-d12	15.521	264	229916	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	777140	95.392	ng		0.00
7) Phenol-d6	6.510	99	1047202	96.287	ng		0.00
23) Nitrobenzene-d5	7.451	82	731682	75.167	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	223458	94.833	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1300417	73.564	ng		0.00
79) Terphenyl-d14	12.998	244	1156260	76.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	16570	4.368	ng		94
3) Pyridine	3.463	79	35463	3.872	ng		96
4) n-Nitrosodimethylamine	3.369	42	25300	4.254	ng		100
6) Aniline	6.551	93	53161	5.316	ng		97
8) 2-Chlorophenol	6.669	128	39436	4.671	ng		89
9) Benzaldehyde	6.439	77	35037	5.322	ng		99
10) Phenol	6.528	94	52784	4.601	ng		84
11) bis(2-Chloroethyl)ether	6.622	93	39425	4.797	ng		100
12) 1,3-Dichlorobenzene	6.828	146	42529	4.450	ng		99
13) 1,4-Dichlorobenzene	6.904	146	44151	4.616	ng		97
14) 1,2-Dichlorobenzene	7.057	146	41405	4.641	ng		98
15) Benzyl Alcohol	7.022	79	42740	5.389	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	75995	4.857	ng		99
17) 2-Methylphenol	7.128	107	29532	4.282	ng		99
18) Hexachloroethane	7.398	117	14583	4.269	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	30020	4.793	ng		98
20) 3+4-Methylphenols	7.287	107	39299	4.521	ng	#	80
22) Acetophenone	7.292	105	56819	4.710	ng		95
24) Nitrobenzene	7.469	77	47473	4.595	ng		99
25) Isophorone	7.698	82	77918	4.682	ng		99
26) 2-Nitrophenol	7.781	139	16782	4.136	ng		98
27) 2,4-Dimethylphenol	7.816	122	26972m	4.661	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	46162	4.656	ng		98
29) 2,4-Dichlorophenol	8.022	162	30027	4.333	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	35667	4.507	ng		99
31) Naphthalene	8.192	128	119123	4.645	ng		99
32) Benzoic acid	7.863	122	11807m	2.240	ng		
33) 4-Chloroaniline	8.239	127	43250	4.871	ng		97
34) Hexachlorobutadiene	8.310	225	21912	4.370	ng		97
35) Caprolactam	8.563	113	8962	4.178	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	32400	4.291	ng		96
37) 2-Methylnaphthalene	8.881	142	75082	4.680	ng		98
38) 1-Methylnaphthalene	8.981	142	70024	4.438	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	36291	4.701	ng		98
41) Hexachlorocyclopentadiene	9.033	237	6630	2.672	ng		95
43) 2,4,6-Trichlorophenol	9.157	196	21565	4.269	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	22851	4.317	ng		99
46) 1,1'-Biphenyl	9.345	154	98034	4.849	ng		99
47) 2-Chloronaphthalene	9.369	162	70881	4.643	ng		97
48) 2-Nitroaniline	9.463	65	22037	4.191	ng		97
49) Acenaphthylene	9.786	152	113504	4.937	ng		99
50) Dimethylphthalate	9.639	163	77704	4.698	ng		100
51) 2,6-Dinitrotoluene	9.704	165	15394	4.103	ng		96
52) Acenaphthene	9.957	154	67868	4.450	ng		99
53) 3-Nitroaniline	9.869	138	16938	4.237	ng		96
54) 2,4-Dinitrophenol	9.975	184	1952	8.425	ng	#	1
55) Dibenzofuran	10.128	168	107354	4.910	ng		98
56) 4-Nitrophenol	10.022	139	8303	2.814	ng		95
57) 2,4-Dinitrotoluene	10.104	165	18796	3.936	ng		96
58) Fluorene	10.469	166	81726	4.821	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	18117	4.348	ng	#	95
60) Diethylphthalate	10.339	149	73552	4.519	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	38267	4.681	ng		98
62) 4-Nitroaniline	10.475	138	15537	4.083	ng		93
63) Azobenzene	10.627	77	78811	4.594	ng		96
66) n-Nitrosodiphenylamine	10.580	169	67331	4.651	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	21561	4.468	ng		97
68) Hexachlorobenzene	11.016	284	25268	4.574	ng		100
69) Atrazine	11.104	200	18630	5.577	ng		98
70) Pentachlorophenol	11.210	266	7840	2.457	ng		97
71) Phenanthrene	11.433	178	112990	4.863	ng		99
72) Anthracene	11.486	178	104964	4.624	ng		99
73) Carbazole	11.639	167	96226	4.536	ng		99
74) Di-n-butylphthalate	11.974	149	97490	4.488	ng		100
75) Fluoranthene	12.621	202	107577	4.618	ng		98
77) Benzidine	12.745	184	13148	2.673	ng		96
78) Pyrene	12.851	202	108738	4.607	ng		99
80) Butylbenzylphthalate	13.474	149	22027	3.965	ng		97
81) Benzo(a)anthracene	14.039	228	71441	4.579	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	18128	4.376	ng		99
83) Chrysene	14.074	228	65956	4.530	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	24571	3.768	ng		99
85) Di-n-octyl phthalate	14.645	149	38332	3.070	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	48637	3.386	ng		98
88) Benzo(b)fluoranthene	15.092	252	54986	4.153	ng		99
89) Benzo(k)fluoranthene	15.121	252	54949	4.628	ng		99
90) Benzo(a)pyrene	15.457	252	48672	4.329	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	37112	3.135	ng		98
92) Benzo(g,h,i)perylene	17.445	276	37705	3.086	ng		98

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

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