Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137752.D
Acq On : 29 Apr 2024 16:23
Operator : CG\JU
Sample : P2283-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 29 16:55:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	260655	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1039247	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	588007	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	952167	20.000	ng	0.00
76) Chrysene-d12	14.256	240	493658	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	554572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1329677	77.491	ng	0.00
7) Phenol-d6	6.675	99	1714936	78.702	ng	0.00
23) Nitrobenzene-d5	7.627	82	1058757	54.080	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	516797	87.099	ng	0.00
45) 2-Fluorobiphenyl	9.421	172	2108571	53.582	ng	0.00
79) Terphenyl-d14	13.186	244	2011830	65.595	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.040	88	261781	34.070	ng	96
3) Pyridine	3.792	79	677814	33.115	ng	97
4) n-Nitrosodimethylamine	3.751	42	360674	37.757	ng	94
6) Aniline	6.728	93	868546	32.025	ng	97
8) 2-Chlorophenol	6.845	128	798480	44.578	ng	99
9) Benzaldehyde	6.616	77	450743	36.859	ng	96
10) Phenol	6.692	94	934442	42.926	ng	99
11) bis(2-Chloroethyl)ether	6.792	93	736248	41.465	ng	99
12) 1,3-Dichlorobenzene	7.004	146	812472	43.253	ng	98
13) 1,4-Dichlorobenzene	7.080	146	824838	43.616	ng	99
14) 1,2-Dichlorobenzene	7.233	146	791988	44.990	ng	98
15) Benzyl Alcohol	7.198	79	660260	40.505	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.327	45	1077866	39.473	ng	98
17) 2-Methylphenol	7.298	107	626176	39.347	ng	99
18) Hexachloroethane	7.580	117	289256	43.216	ng	93
19) n-Nitroso-di-n-propyla...	7.469	70	544288	38.628	ng	99
20) 3+4-Methylphenols	7.451	107	820266	39.907	ng	98
22) Acetophenone	7.469	105	1063982	41.858	ng	99
24) Nitrobenzene	7.645	77	806633	40.781	ng	99
25) Isophorone	7.880	82	1491425	41.018	ng	100
26) 2-Nitrophenol	7.957	139	427633	49.266	ng	96
27) 2,4-Dimethylphenol	7.986	122	600175	34.273	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	904416	40.724	ng	99
29) 2,4-Dichlorophenol	8.198	162	679273	44.260	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	696358	44.515	ng	99
31) Naphthalene	8.369	128	2249482	42.417	ng	100
32) Benzoic acid	8.098	122	521446	47.027	ng	97
33) 4-Chloroaniline	8.410	127	670435	29.867	ng	99
34) Hexachlorobutadiene	8.480	225	409282	43.642	ng	98
35) Caprolactam	8.786	113	232164m	46.789	ng	
36) 4-Chloro-3-methylphenol	8.886	107	703739	43.233	ng	93
37) 2-Methylnaphthalene	9.063	142	1504654	41.337	ng	99
38) 1-Methylnaphthalene	9.163	142	1387272	40.764	ng	100
40) 1,2,4,5-Tetrachloroben...	9.227	216	709615	44.020	ng	100
41) Hexachlorocyclopentadiene	9.210	237	727927	80.590	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	506069	44.750	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.369	196	541993	41.819	ng		98
46)	1,1'-Biphenyl	9.527	154	1823098	42.619	ng		98
47)	2-Chloronaphthalene	9.551	162	1438934	43.638	ng		99
48)	2-Nitroaniline	9.645	65	438289	43.619	ng		93
49)	Acenaphthylene	9.974	152	2255129	43.855	ng		100
50)	Dimethylphthalate	9.821	163	1749081	42.694	ng		99
51)	2,6-Dinitrotoluene	9.886	165	389925	45.173	ng		93
52)	Acenaphthene	10.145	154	1499826	45.044	ng		99
53)	3-Nitroaniline	10.057	138	352785	36.369	ng		97
54)	2,4-Dinitrophenol	10.163	184	392481	85.190	ng	#	42
55)	Dibenzofuran	10.316	168	2037947	41.754	ng		99
56)	4-Nitrophenol	10.210	139	617341	81.836	ng		95
57)	2,4-Dinitrotoluene	10.292	165	524802	48.226	ng		96
58)	Fluorene	10.663	166	1583390	41.518	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.427	232	440293	43.873	ng		97
60)	Diethylphthalate	10.521	149	1673871	42.480	ng		99
61)	4-Chlorophenyl-phenyle...	10.651	204	794771	42.176	ng		94
62)	4-Nitroaniline	10.680	138	379627	41.088	ng		96
63)	Azobenzene	10.810	77	1606418	39.784	ng		97
65)	4,6-Dinitro-2-methylph...	10.698	198	278936	51.093	ng		88
66)	n-Nitrosodiphenylamine	10.768	169	1408160	43.665	ng		100
67)	4-Bromophenyl-phenylether	11.145	248	502544	45.548	ng		93
68)	Hexachlorobenzene	11.210	284	507555	47.220	ng		95
69)	Atrazine	11.292	200	480682	53.921	ng		99
70)	Pentachlorophenol	11.404	266	632217	78.191	ng		99
71)	Phenanthrene	11.633	178	2134698	42.352	ng		99
72)	Anthracene	11.686	178	2200909	42.643	ng		98
73)	Carbazole	11.833	167	1907710	40.785	ng		99
74)	Di-n-butylphthalate	12.157	149	2446518	42.907	ng		99
75)	Fluoranthene	12.821	202	2029723	38.312	ng		99
77)	Benzidine	12.939	184	994818	86.279	ng		99
78)	Pyrene	13.057	202	1960352	48.381	ng		99
80)	Butylbenzylphthalate	13.662	149	785731	54.682	ng		90
81)	Benzo(a)anthracene	14.245	228	1530332	44.445	ng		100
82)	3,3'-Dichlorobenzidine	14.204	252	483037	45.342	ng	#	96
83)	Chrysene	14.280	228	1434405	44.586	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.215	149	1061875	48.934	ng		100
85)	Di-n-octyl phthalate	14.845	149	1633720	50.120	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.468	276	1513177	49.209	ng		99
88)	Benzo(b)fluoranthene	15.351	252	1501196	42.302	ng		99
89)	Benzo(k)fluoranthene	15.386	252	1445050	41.424	ng		99
90)	Benzo(a)pyrene	15.762	252	1380041	43.350	ng		97
91)	Dibenzo(a,h)anthracene	17.492	278	1234803	48.390	ng		100
92)	Benzo(g,h,i)perylene	17.968	276	1089177	43.895	ng		99

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

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