Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
Data File : BF138663.D
Acq On : 25 Jul 2024 20:23
Operator : RC/JU
Sample : P3352-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 26 01:14:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	74539	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	280086	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	123748	20.000	ng		-0.01
64) Phenanthrene-d10	11.374	188	171285	20.000	ng		-0.01
76) Chrysene-d12	14.015	240	128579	20.000	ng		-0.01
86) Perylene-d12	15.474	264	98529	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	593267	126.053	ng		0.00
7) Phenol-d6	6.498	99	786241	125.578	ng		0.00
23) Nitrobenzene-d5	7.422	82	503311	88.228	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	127151	109.940	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	777940	98.252	ng		-0.02
79) Terphenyl-d14	12.957	244	626272	79.350	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	77031	36.955	ng		98
3) Pyridine	3.440	79	212155	41.272	ng		96
4) n-Nitrosodimethylamine	3.381	42	159377	47.628	ng		88
6) Aniline	6.522	93	252854	43.117	ng	#	59
8) 2-Chlorophenol	6.645	128	260711	52.387	ng		99
9) Benzaldehyde	6.404	77	17586	5.248	ng		99
10) Phenol	6.510	94	340136	51.181	ng		85
11) bis(2-Chloroethyl)ether	6.592	93	259291	51.821	ng		98
12) 1,3-Dichlorobenzene	6.798	146	264389	47.263	ng		98
13) 1,4-Dichlorobenzene	6.875	146	267118	47.023	ng		99
14) 1,2-Dichlorobenzene	7.022	146	250766	47.398	ng		97
15) Benzyl Alcohol	6.998	79	245202	52.185	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	451467	45.882	ng		78
17) 2-Methylphenol	7.116	107	203361	49.860	ng	#	92
18) Hexachloroethane	7.363	117	96382	46.153	ng		94
19) n-Nitroso-di-n-propyla...	7.269	70	197146	50.959	ng		94
20) 3+4-Methylphenols	7.269	107	255128	49.674	ng		91
22) Acetophenone	7.269	105	332097	48.820	ng		99
24) Nitrobenzene	7.439	77	290580	50.124	ng		98
25) Isophorone	7.681	82	520039	53.083	ng		98
26) 2-Nitrophenol	7.757	139	133747	53.829	ng		98
27) 2,4-Dimethylphenol	7.792	122	168160	55.066	ng		98
28) bis(2-Chloroethoxy)met...	7.886	93	313343	53.518	ng		98
29) 2,4-Dichlorophenol	7.998	162	190831	48.121	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	215995	46.755	ng		98
31) Naphthalene	8.157	128	730670	50.160	ng		100
32) Benzoic acid	7.916	122	80181	27.529	ng		98
33) 4-Chloroaniline	8.210	127	147385	28.837	ng		98
34) Hexachlorobutadiene	8.269	225	132131	46.447	ng		99
35) Caprolactam	8.581	113	52812	41.270	ng		94
36) 4-Chloro-3-methylphenol	8.698	107	203807	45.906	ng		98
37) 2-Methylnaphthalene	8.851	142	437181	46.637	ng		100
38) 1-Methylnaphthalene	8.945	142	403867	44.145	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	179243	51.971	ng		99
41) Hexachlorocyclopentadiene	8.998	237	66946	59.802	ng		100
43) 2,4,6-Trichlorophenol	9.128	196	114276	51.943	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.175	196	111606	46.123	ng	#	93
46)	1,1'-Biphenyl	9.310	154	497741	53.074	ng		99
47)	2-Chloronaphthalene	9.339	162	374663	52.883	ng		100
48)	2-Nitroaniline	9.433	65	135524	55.201	ng		93
49)	Acenaphthylene	9.751	152	559797	55.653	ng		100
50)	Dimethylphthalate	9.610	163	462995	57.861	ng		100
51)	2,6-Dinitrotoluene	9.675	165	94647	51.372	ng		88
52)	Acenaphthene	9.922	154	349357m	52.250	ng		
53)	3-Nitroaniline	9.845	138	76703	40.620	ng		92
54)	2,4-Dinitrophenol	9.957	184	31123	34.307	ng		91
55)	Dibenzofuran	10.098	168	489802	50.505	ng		100
56)	4-Nitrophenol	10.016	139	109066	78.278	ng		98
57)	2,4-Dinitrotoluene	10.080	165	113732	47.710	ng		97
58)	Fluorene	10.439	166	368307	47.996	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.216	232	83713	43.836	ng		97
60)	Diethylphthalate	10.310	149	412256	53.442	ng		99
61)	4-Chlorophenyl-phenyle...	10.427	204	182257	47.299	ng		93
62)	4-Nitroaniline	10.457	138	77324	40.864	ng		99
63)	Azobenzene	10.586	77	408663	49.274	ng		97
65)	4,6-Dinitro-2-methylph...	10.486	198	30167	30.502	ng		77
66)	n-Nitrosodiphenylamine	10.545	169	312683	60.930	ng		98
67)	4-Bromophenyl-phenylether	10.916	248	101247	57.511	ng		99
68)	Hexachlorobenzene	10.986	284	103503	52.922	ng		94
69)	Atrazine	11.074	200	91452	53.750	ng		97
70)	Pentachlorophenol	11.180	266	101675	87.857	ng		96
71)	Phenanthrene	11.398	178	543333	62.788	ng		99
72)	Anthracene	11.451	178	498884	58.078	ng		99
73)	Carbazole	11.610	167	428499	55.508	ng		99
74)	Di-n-butylphthalate	11.933	149	533885	60.000	ng		99
75)	Fluoranthene	12.586	202	585285	66.284	ng		98
77)	Benzidine	12.710	184	179058	55.196	ng		99
78)	Pyrene	12.816	202	592393	45.385	ng		100
80)	Butylbenzylphthalate	13.427	149	228049	58.080	ng		97
81)	Benzo(a)anthracene	14.004	228	514504	59.634	ng		99
82)	3,3'-Dichlorobenzidine	13.963	252	130544	58.721	ng	#	98
83)	Chrysene	14.039	228	466095	57.107	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.986	149	322939	77.118	ng	#	98
85)	Di-n-octyl phthalate	14.598	149	538521	81.404	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.945	276	304526	46.013	ng		99
88)	Benzo(b)fluoranthene	15.051	252	373667	67.341	ng		99
89)	Benzo(k)fluoranthene	15.080	252	328172	60.641	ng		99
90)	Benzo(a)pyrene	15.415	252	298538	61.246	ng		99
91)	Dibenzo(a,h)anthracene	16.956	278	238909	44.130	ng		98
92)	Benzo(g,h,i)perylene	17.386	276	239961	41.800	ng		96

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

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