Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140697.D
Acq On : 02 Dec 2024 18:57
Operator : RC/JU
Sample : P5026-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 03 00:05:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SOIL-1-HAMMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

12/03/2024
Supervised By :mohammad ahmed

12/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	86982	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	326220	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	185319	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	361245	20.000	ng		0.00
76) Chrysene-d12	14.051	240	215378	20.000	ng		0.00
86) Perylene-d12	15.539	264	179173	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	404761	79.397	ng		0.01
7) Phenol-d6	6.510	99	520507	77.231	ng		0.00
23) Nitrobenzene-d5	7.434	82	326875	51.253	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	156373	78.897	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	617867	49.676	ng		-0.01
79) Terphenyl-d14	12.980	244	651465	47.099	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	97314	45.401	ng		96
3) Pyridine	3.481	79	232285	49.254	ng		99
4) n-Nitrosodimethylamine	3.434	42	125835	45.399	ng		93
6) Aniline	6.534	93	202004	42.583	ng		93
8) 2-Chlorophenol	6.663	128	261231	47.630	ng		95
9) Benzaldehyde	6.422	77	92190	25.839	ng		99
10) Phenol	6.528	94	335261	48.710	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	241087	45.774	ng		99
12) 1,3-Dichlorobenzene	6.810	146	270476	43.889	ng		99
13) 1,4-Dichlorobenzene	6.886	146	277935	44.540	ng		100
14) 1,2-Dichlorobenzene	7.039	146	266699	45.612	ng		99
15) Benzyl Alcohol	7.016	79	238550	47.728	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	295947	47.562	ng		90
17) 2-Methylphenol	7.128	107	206380	47.007	ng		97
18) Hexachloroethane	7.381	117	101781	43.672	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	183718	46.124	ng		96
20) 3+4-Methylphenols	7.286	107	270560	47.945	ng	#	88
22) Acetophenone	7.281	105	356828	44.867	ng		98
24) Nitrobenzene	7.451	77	282479	42.855	ng		98
25) Isophorone	7.692	82	495522	46.583	ng		99
26) 2-Nitrophenol	7.769	139	138912	47.555	ng		96
27) 2,4-Dimethylphenol	7.804	122	206467m	59.075	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	298103	46.001	ng		99
29) 2,4-Dichlorophenol	8.016	162	223268	48.210	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	227995	43.118	ng		99
31) Naphthalene	8.175	128	752162	44.763	ng		99
32) Benzoic acid	7.945	122	110420	38.058	ng		98
33) 4-Chloroaniline	8.228	127	88445	17.580	ng		98
34) Hexachlorobutadiene	8.286	225	147954	42.244	ng		99
35) Caprolactam	8.598	113	70253m	49.019	ng		
36) 4-Chloro-3-methylphenol	8.716	107	249424	48.104	ng		100
37) 2-Methylnaphthalene	8.863	142	496414	46.513	ng		100
38) 1-Methylnaphthalene	8.963	142	461372	44.102	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	241508	44.516	ng		99
41) Hexachlorocyclopentadiene	9.016	237	193001	151.133	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	154115	45.271	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	168210	45.529	ng	97
46) 1,1'-Biphenyl	9.328	154	631770	45.661	ng	99
47) 2-Chloronaphthalene	9.351	162	472794	45.097	ng	99
48) 2-Nitroaniline	9.457	65	158460	47.089	ng	97
49) Acenaphthylene	9.769	152	778803	49.165	ng	100
50) Dimethylphthalate	9.627	163	570326	46.729	ng	100
51) 2,6-Dinitrotoluene	9.698	165	124988	45.154	ng	94
52) Acenaphthene	9.945	154	468552	46.553	ng	98
53) 3-Nitroaniline	9.869	138	76391	28.217	ng	96
54) 2,4-Dinitrophenol	9.986	184	129635	89.408	ng	92
55) Dibenzofuran	10.116	168	708430	46.145	ng	99
56) 4-Nitrophenol	10.045	139	158869	86.045	ng	95
57) 2,4-Dinitrotoluene	10.104	165	172063	46.771	ng	98
58) Fluorene	10.457	166	575880	46.733	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	145636	51.290	ng	92
60) Diethylphthalate	10.327	149	575157	46.382	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	278573	46.064	ng	99
62) 4-Nitroaniline	10.486	138	133321	46.954	ng	96
63) Azobenzene	10.610	77	595388	50.701	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	95467	51.716	ng	98
66) n-Nitrosodiphenylamine	10.569	169	494813	46.318	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	168456	45.281	ng	96
68) Hexachlorobenzene	11.010	284	190245	44.164	ng	99
69) Atrazine	11.098	200	166080	55.262	ng	100
70) Pentachlorophenol	11.210	266	162158	85.530	ng	98
71) Phenanthrene	11.427	178	822711	47.378	ng	99
72) Anthracene	11.474	178	842789	49.617	ng	100
73) Carbazole	11.633	167	780430	47.760	ng	100
74) Di-n-butylphthalate	11.951	149	905796	48.014	ng	100
75) Fluoranthene	12.616	202	905950	48.052	ng	99
77) Benzidine	12.739	184	210111	33.553	ng	99
78) Pyrene	12.845	202	924020	46.400	ng	100
80) Butylbenzylphthalate	13.457	149	350493	48.856	ng	99
81) Benzo(a)anthracene	14.039	228	690465	48.429	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	113614	26.542	ng	100
83) Chrysene	14.074	228	623612	47.836	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	455784	50.315	ng	100
85) Di-n-octyl phthalate	14.633	149	641952	51.855	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	561222	48.064	ng	99
88) Benzo(b)fluoranthene	15.104	252	563925	50.108	ng	99
89) Benzo(k)fluoranthene	15.133	252	447597	45.449	ng	99
90) Benzo(a)pyrene	15.480	252	474294	51.833	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	457088	47.799	ng	99
92) Benzo(g,h,i)perylene	17.509	276	428277	43.889	ng	98

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

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