Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139734.D
Acq On : 09 Oct 2024 20:52
Operator : RC/JU
Sample : P4359-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 10 01:12:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-SOILMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	84080	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	311222	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	157297	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	238294	20.000	ng		0.00
76) Chrysene-d12	14.039	240	168675	20.000	ng		0.00
86) Perylene-d12	15.510	264	143520	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	569119	117.320	ng		0.01
7) Phenol-d6	6.510	99	753802	115.550	ng		0.00
23) Nitrobenzene-d5	7.434	82	478874	77.904	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	146605	96.549	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	845732	82.542	ng		0.00
79) Terphenyl-d14	12.974	244	677106	65.867	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	92560	44.133	ng		99
3) Pyridine	3.440	79	240413	47.133	ng		98
4) n-Nitrosodimethylamine	3.399	42	155233	46.494	ng		96
6) Aniline	6.534	93	156613	27.054	ng	#	74
8) 2-Chlorophenol	6.657	128	257428	49.531	ng		98
9) Benzaldehyde	6.416	77	77622	22.462	ng		98
10) Phenol	6.522	94	330397	48.166	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	252446	45.200	ng		100
12) 1,3-Dichlorobenzene	6.810	146	268519	45.926	ng		99
13) 1,4-Dichlorobenzene	6.887	146	271410	45.834	ng		99
14) 1,2-Dichlorobenzene	7.039	146	258757	46.624	ng		98
15) Benzyl Alcohol	7.016	79	238887	47.927	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	456518	47.215	ng		82
17) 2-Methylphenol	7.128	107	205867	47.447	ng		98
18) Hexachloroethane	7.381	117	87623	39.671	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	192287	45.847	ng		99
20) 3+4-Methylphenols	7.281	107	261634	48.008	ng		98
22) Acetophenone	7.275	105	353550	47.858	ng	#	95
24) Nitrobenzene	7.451	77	289984	45.558	ng		99
25) Isophorone	7.692	82	516292	47.289	ng		100
26) 2-Nitrophenol	7.769	139	132870	48.557	ng		99
27) 2,4-Dimethylphenol	7.804	122	197996	59.106	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	308018	47.246	ng		100
29) 2,4-Dichlorophenol	8.010	162	210310	48.133	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	222098	44.947	ng		99
31) Naphthalene	8.175	128	746696	46.925	ng		100
32) Benzoic acid	7.928	122	121252	36.402	ng		98
33) 4-Chloroaniline	8.222	127	47486	8.816	ng		99
34) Hexachlorobutadiene	8.286	225	141914	44.380	ng		99
35) Caprolactam	8.598	113	68614	47.877	ng		93
36) 4-Chloro-3-methylphenol	8.710	107	224086	45.305	ng		98
37) 2-Methylnaphthalene	8.863	142	477906	46.114	ng		100
38) 1-Methylnaphthalene	8.963	142	437664	43.204	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	222635	50.970	ng		99
41) Hexachlorocyclopentadiene	9.010	237	33810	25.244	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	145974	49.574	ng		98

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44) 2,4,5-Trichlorophenol	9.192	196	150009	47.240	ng	99
46) 1,1'-Biphenyl	9.328	154	580619	49.629	ng	100
47) 2-Chloronaphthalene	9.351	162	426703	48.651	ng	99
48) 2-Nitroaniline	9.451	65	157076	49.891	ng	98
49) Acenaphthylene	9.769	152	686862	51.496	ng	100
50) Dimethylphthalate	9.628	163	526171	51.100	ng	100
51) 2,6-Dinitrotoluene	9.692	165	106191	45.654	ng	96
52) Acenaphthene	9.939	154	424620	46.373	ng	100
53) 3-Nitroaniline	9.863	138	70150	29.512	ng	98
54) 2,4-Dinitrophenol	9.975	184	28835	23.048	ng	95
55) Dibenzofuran	10.110	168	609529	47.543	ng	100
56) 4-Nitrophenol	10.033	139	148401	81.870	ng	95
57) 2,4-Dinitrotoluene	10.098	165	131418	43.224	ng	98
58) Fluorene	10.457	166	459174	44.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	116415	45.391	ng	96
60) Diethylphthalate	10.328	149	513193	48.253	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	229332	44.891	ng	98
62) 4-Nitroaniline	10.475	138	86924	35.751	ng	98
63) Azobenzene	10.604	77	586984	54.881	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	23768	17.660	ng	99
66) n-Nitrosodiphenylamine	10.563	169	402655	57.325	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	126403	51.736	ng	96
68) Hexachlorobenzene	11.004	284	130706	48.211	ng	98
69) Atrazine	11.092	200	122393	64.945	ng	99
70) Pentachlorophenol	11.198	266	135775	84.106	ng	97
71) Phenanthrene	11.416	178	578341	51.473	ng	100
72) Anthracene	11.469	178	577165	51.924	ng	99
73) Carbazole	11.627	167	520601	48.764	ng	100
74) Di-n-butylphthalate	11.951	149	689545	53.114	ng	99
75) Fluoranthene	12.604	202	636871	51.853	ng	100
77) Benzidine	12.733	184	295219	99.226	ng	99
78) Pyrene	12.839	202	656705	43.530	ng	99
80) Butylbenzylphthalate	13.451	149	254357	47.137	ng	98
81) Benzo(a)anthracene	14.027	228	599924	54.097	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	164394	48.437	ng	98
83) Chrysene	14.063	228	545377	53.791	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	357242	53.017	ng	99
85) Di-n-octyl phthalate	14.621	149	611968	61.820	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	340283	40.283	ng	99
88) Benzo(b)fluoranthene	15.080	252	483735	52.128	ng	100
89) Benzo(k)fluoranthene	15.110	252	466955m	59.320	ng	
90) Benzo(a)pyrene	15.451	252	405259	55.385	ng	100
91) Dibenzo(a,h)anthracene	17.004	278	270572	38.619	ng	99
92) Benzo(g,h,i)perylene	17.439	276	252728	35.967	ng	99

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

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