Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF141002.D
Acq On : 27 Dec 2024 17:46
Operator : RC/JU
Sample : P5362-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:19:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	257040	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	1034308	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	555359	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	906851	20.000	ng		0.00
76) Chrysene-d12	13.980	240	514884	20.000	ng		0.00
86) Perylene-d12	15.433	264	567943	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1811423	106.229	ng		0.00
7) Phenol-d6	6.445	99	2354853	107.201	ng		0.00
23) Nitrobenzene-d5	7.387	82	1438878	89.003	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	665764	123.371	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2503857	71.832	ng		0.00
79) Terphenyl-d14	12.927	244	2302390	74.274	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	371155	48.077	ng		98
3) Pyridine	3.381	79	941425	49.899	ng		100
4) n-Nitrosodimethylamine	3.334	42	481862	50.408	ng		99
6) Aniline	6.487	93	630635	32.190	ng		99
8) 2-Chlorophenol	6.604	128	935177	52.017	ng		99
9) Benzaldehyde	6.369	77	204935	13.627	ng		99
10) Phenol	6.463	94	1193269	52.534	ng		100
11) bis(2-Chloroethyl)ether	6.563	93	872337	47.564	ng		99
12) 1,3-Dichlorobenzene	6.763	146	943945	47.576	ng		100
13) 1,4-Dichlorobenzene	6.845	146	953618	47.678	ng		99
14) 1,2-Dichlorobenzene	6.992	146	918543	49.255	ng		99
15) Benzyl Alcohol	6.963	79	828383	52.478	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1410717	50.862	ng		100
17) 2-Methylphenol	7.075	107	768676	51.465	ng		100
18) Hexachloroethane	7.339	117	350927	49.390	ng		99
19) n-Nitroso-di-n-propyla...	7.239	70	664662	49.389	ng		99
20) 3+4-Methylphenols	7.228	107	936328	49.539	ng	#	87
22) Acetophenone	7.234	105	1226655	48.345	ng		97
24) Nitrobenzene	7.404	77	979323	54.213	ng		98
25) Isophorone	7.645	82	1787574	50.813	ng		99
26) 2-Nitrophenol	7.722	139	459427	60.506	ng		99
27) 2,4-Dimethylphenol	7.757	122	767514	59.696	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	1087294	48.781	ng		99
29) 2,4-Dichlorophenol	7.957	162	755558	51.815	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	768740	46.578	ng		100
31) Naphthalene	8.128	128	2618918	48.052	ng		100
32) Benzoic acid	7.869	122	594830	54.902	ng		98
33) 4-Chloroaniline	8.175	127	193209	9.799	ng		98
34) Hexachlorobutadiene	8.245	225	458440	47.117	ng		99
35) Caprolactam	8.545	113	248670m	50.164	ng		
36) 4-Chloro-3-methylphenol	8.651	107	828506	51.162	ng		99
37) 2-Methylnaphthalene	8.816	142	1719462	49.315	ng		99
38) 1-Methylnaphthalene	8.916	142	1616880	47.186	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	746657	48.870	ng		98
41) Hexachlorocyclopentadiene	8.975	237	670120	132.352	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	545921	53.686	ng		100

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44) 2,4,5-Trichlorophenol	9.128	196	543015	52.190	ng		99
46) 1,1'-Biphenyl	9.281	154	2087547	49.092	ng		99
47) 2-Chloronaphthalene	9.304	162	1574404	47.738	ng		99
48) 2-Nitroaniline	9.398	65	508552	57.885	ng		96
49) Acenaphthylene	9.722	152	2462591	51.870	ng		99
50) Dimethylphthalate	9.586	163	1870856	51.215	ng		100
51) 2,6-Dinitrotoluene	9.645	165	412808	54.848	ng		96
52) Acenaphthene	9.892	154	1751630	54.574	ng		99
53) 3-Nitroaniline	9.804	138	210623	27.494	ng	#	95
54) 2,4-Dinitrophenol	9.916	184	315098	96.798	ng	#	1
55) Dibenzofuran	10.069	168	2260200	50.108	ng		99
56) 4-Nitrophenol	9.963	139	663441	106.173	ng		99
57) 2,4-Dinitrotoluene	10.045	165	549386	59.115	ng		97
58) Fluorene	10.410	166	1685123	48.177	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	472796	54.868	ng		99
60) Diethylphthalate	10.286	149	1813920	50.298	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	817145	48.552	ng		97
62) 4-Nitroaniline	10.422	138	379238	46.936	ng		94
63) Azobenzene	10.563	77	2097895	55.422	ng		95
65) 4,6-Dinitro-2-methylph...	10.451	198	224925	59.442	ng		96
66) n-Nitrosodiphenylamine	10.522	169	1533418	53.698	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	536086	54.685	ng		97
68) Hexachlorobenzene	10.951	284	573318	53.038	ng		98
69) Atrazine	11.045	200	511372	64.099	ng		99
70) Pentachlorophenol	11.145	266	684732	101.741	ng		99
71) Phenanthrene	11.369	178	2476825	51.894	ng		99
72) Anthracene	11.422	178	2517077	53.821	ng		100
73) Carbazole	11.575	167	2079994	46.264	ng		100
74) Di-n-butylphthalate	11.910	149	2631937	51.469	ng		100
75) Fluoranthene	12.557	202	2282428	44.093	ng		99
77) Benzidine	12.674	184	265929	24.438	ng		99
78) Pyrene	12.786	202	2340656	51.979	ng		100
80) Butylbenzylphthalate	13.410	149	867445	52.754	ng		99
81) Benzo(a)anthracene	13.968	228	1727713	48.147	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	348638	32.337	ng		99
83) Chrysene	14.010	228	1689925	52.241	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	1103487	51.736	ng		100
85) Di-n-octyl phthalate	14.586	149	1866207	60.453	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1824299	50.984	ng		99
88) Benzo(b)fluoranthene	15.015	252	1812141	45.749	ng		99
89) Benzo(k)fluoranthene	15.045	252	1791117m	57.693	ng		
90) Benzo(a)pyrene	15.374	252	1766988	57.473	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	1430468	49.318	ng		100
92) Benzo(g,h,i)perylene	17.321	276	1332683	44.299	ng		100

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

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