Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134305.D
Acq On : 14 Jul 2023 23:48
Operator : CG\JU
Sample : 03592-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILEMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 15 01:15:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	78455	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	302592	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	147262	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	277047	20.000	ng	0.00
76) Chrysene-d12	14.039	240	180767	20.000	ng	0.00
86) Perylene-d12	15.545	264	150351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	454077	96.815	ng	0.01
7) Phenol-d6	6.487	99	548892	95.163	ng	0.00
23) Nitrobenzene-d5	7.410	82	381386	67.942	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	185022	100.208	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	702973	69.403	ng	0.00
79) Terphenyl-d14	12.974	244	702498	62.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	72496	37.487	ng	98
3) Pyridine	3.434	79	169389	33.627	ng	96
4) n-Nitrosodimethylamine	3.399	42	115763	40.238	ng	92
6) Aniline	6.510	93	264219	37.644	ng	94
8) 2-Chlorophenol	6.628	128	212371	44.606	ng	98
9) Benzaldehyde	6.398	77	136098	44.131	ng	98
10) Phenol	6.498	94	258279	42.588	ng	89
11) bis(2-Chloroethyl)ether	6.581	93	189149	42.364	ng	97
12) 1,3-Dichlorobenzene	6.787	146	230314	45.375	ng	97
13) 1,4-Dichlorobenzene	6.863	146	232661	45.381	ng	99
14) 1,2-Dichlorobenzene	7.010	146	222581	46.357	ng	99
15) Benzyl Alcohol	6.987	79	194830	43.816	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	309092	39.131	ng	93
17) 2-Methylphenol	7.104	107	172804	40.532	ng	95
18) Hexachloroethane	7.351	117	87371	45.961	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	155536	42.521	ng	97
20) 3+4-Methylphenols	7.257	107	219683	42.474	ng	94
22) Acetophenone	7.251	105	304701	44.277	ng	96
24) Nitrobenzene	7.428	77	239260	42.179	ng	95
25) Isophorone	7.663	82	411680	40.353	ng	96
26) 2-Nitrophenol	7.745	139	116218	42.709	ng	97
27) 2,4-Dimethylphenol	7.781	122	180437	41.890	ng	94
28) bis(2-Chloroethoxy)met...	7.875	93	240393	40.695	ng	100
29) 2,4-Dichlorophenol	7.987	162	177398	41.533	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	195621	44.386	ng	96
31) Naphthalene	8.145	128	596108	40.784	ng	99
32) Benzoic acid	7.910	122	126816m	39.290	ng	
33) 4-Chloroaniline	8.198	127	174908	27.975	ng	98
34) Hexachlorobutadiene	8.257	225	126979	45.673	ng	99
35) Caprolactam	8.575	113	58053m	41.278	ng	
36) 4-Chloro-3-methylphenol	8.687	107	203426	42.395	ng	98
37) 2-Methylnaphthalene	8.839	142	403952	39.082	ng	100
38) 1-Methylnaphthalene	8.939	142	377620	39.300	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	193403	44.329	ng	99
41) Hexachlorocyclopentadiene	8.987	237	74216	35.856	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	129085	43.463	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	138188	39.555	ng		97
46) 1,1'-Biphenyl	9.304	154	505139	42.762	ng		97
47) 2-Chloronaphthalene	9.328	162	375568	43.453	ng		97
48) 2-Nitroaniline	9.434	65	134881	42.820	ng		93
49) Acenaphthylene	9.745	152	607183	41.125	ng		99
50) Dimethylphthalate	9.604	163	455900	42.648	ng		100
51) 2,6-Dinitrotoluene	9.675	165	99484	43.209	ng		98
52) Acenaphthene	9.916	154	364372	42.531	ng		98
53) 3-Nitroaniline	9.845	138	97419	35.270	ng		94
54) 2,4-Dinitrophenol	9.957	184	65590	50.810	ng		98
55) Dibenzofuran	10.092	168	552256	41.247	ng		98
56) 4-Nitrophenol	10.016	139	151097	78.205	ng		93
57) 2,4-Dinitrotoluene	10.081	165	128940	42.406	ng	#	83
58) Fluorene	10.433	166	441414	42.376	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	110931m	40.255	ng		
60) Diethylphthalate	10.310	149	481515	43.235	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	217024	43.233	ng		99
62) 4-Nitroaniline	10.463	138	97634	35.074	ng		90
63) Azobenzene	10.586	77	440552	41.819	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	48484	32.099	ng		81
66) n-Nitrosodiphenylamine	10.551	169	384246	43.409	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	131636	44.703	ng		96
68) Hexachlorobenzene	10.986	284	147906	47.306	ng		96
69) Atrazine	11.081	200	127854	52.218	ng		97
70) Pentachlorophenol	11.186	266	133195	71.249	ng		99
71) Phenanthrene	11.404	178	607722	43.574	ng		99
72) Anthracene	11.457	178	606556	41.813	ng		100
73) Carbazole	11.616	167	566024	42.629	ng		99
74) Di-n-butylphthalate	11.939	149	732475	46.389	ng		99
75) Fluoranthene	12.604	202	747757	49.593	ng		97
77) Benzidine	12.727	184	397358	92.382	ng		99
78) Pyrene	12.833	202	729962	43.391	ng		98
80) Butylbenzylphthalate	13.451	149	277053	43.911	ng		98
81) Benzo(a)anthracene	14.033	228	582640	46.475	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	195435	49.205	ng		99
83) Chrysene	14.069	228	521513	42.950	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	373802	51.560	ng		98
85) Di-n-octyl phthalate	14.633	149	614631	57.698	ng		97
87) Indeno(1,2,3-cd)pyrene	17.098	276	387597	37.152	ng		95
88) Benzo(b)fluoranthene	15.104	252	450396	50.945	ng		98
89) Benzo(k)fluoranthene	15.133	252	419621	46.618	ng		97
90) Benzo(a)pyrene	15.486	252	360040	42.115	ng	#	98
91) Dibenzo(a,h)anthracene	17.110	278	315740	37.052	ng		97
92) Benzo(g,h,i)perylene	17.568	276	295914	33.674	ng		97

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

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