Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139271.D
Acq On : 06 Sep 2024 11:01
Operator : RC/JU
Sample : P2403-03
Misc : MDL-MDL-SOIL-08 ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2024

Quant Time: Sep 06 11:24:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	113951	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	414779	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	223419	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	402342	20.000	ng		0.00
76) Chrysene-d12	14.051	240	201793	20.000	ng		0.00
86) Perylene-d12	15.521	264	189914	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	894907	131.378	ng		0.00
7) Phenol-d6	6.516	99	1186919	130.524	ng		0.00
23) Nitrobenzene-d5	7.451	82	769810	96.552	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	257288	133.361	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1350678	93.321	ng		0.00
79) Terphenyl-d14	12.998	244	1104399	88.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	28137	8.870	ng		96
3) Pyridine	3.457	79	63432	8.284	ng		99
4) n-Nitrosodimethylamine	3.369	42	44077	8.864	ng		99
6) Aniline	6.551	93	90794	10.858	ng		98
8) 2-Chlorophenol	6.675	128	66639	9.440	ng		98
9) Benzaldehyde	6.439	77	59644	10.836	ng		99
10) Phenol	6.528	94	90485	9.434	ng		87
11) bis(2-Chloroethyl)ether	6.622	93	64596	9.400	ng		99
12) 1,3-Dichlorobenzene	6.828	146	73863	9.244	ng		98
13) 1,4-Dichlorobenzene	6.904	146	73997	9.252	ng		99
14) 1,2-Dichlorobenzene	7.057	146	68834	9.228	ng		98
15) Benzyl Alcohol	7.022	79	70040	10.561	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	127107	9.717	ng		100
17) 2-Methylphenol	7.128	107	53172	9.221	ng		100
18) Hexachloroethane	7.398	117	25285	8.852	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	50093	9.565	ng		99
20) 3+4-Methylphenols	7.286	107	68139	9.376	ng	#	82
22) Acetophenone	7.292	105	96006	9.716	ng		95
24) Nitrobenzene	7.469	77	76198	9.004	ng		98
25) Isophorone	7.698	82	127724	9.370	ng		98
26) 2-Nitrophenol	7.781	139	28846	8.679	ng		97
27) 2,4-Dimethylphenol	7.816	122	40525	8.549	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	76517	9.422	ng		99
29) 2,4-Dichlorophenol	8.022	162	52679	9.282	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	60819	9.382	ng		98
31) Naphthalene	8.192	128	198025	9.428	ng		99
32) Benzoic acid	7.869	122	22031	5.102	ng		95
33) 4-Chloroaniline	8.239	127	73047	10.044	ng		96
34) Hexachlorobutadiene	8.310	225	36633	8.919	ng		98
35) Caprolactam	8.569	113	14974	8.522	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	56777	9.180	ng		99
37) 2-Methylnaphthalene	8.880	142	124397	9.466	ng		97
38) 1-Methylnaphthalene	8.980	142	116375	9.004	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	61102	9.666	ng		99
41) Hexachlorocyclopentadiene	9.033	237	19105	9.405	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	36269	8.769	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	38617	8.910	ng		98
46) 1,1'-Biphenyl	9.345	154	160983	9.725	ng		99
47) 2-Chloronaphthalene	9.369	162	117521	9.402	ng		98
48) 2-Nitroaniline	9.463	65	37822	8.785	ng		99
49) Acenaphthylene	9.786	152	191507	10.173	ng		100
50) Dimethylphthalate	9.639	163	129034	9.529	ng		100
51) 2,6-Dinitrotoluene	9.704	165	27624	8.992	ng		95
52) Acenaphthene	9.957	154	111274	8.912	ng		99
53) 3-Nitroaniline	9.869	138	29412	8.986	ng		94
54) 2,4-Dinitrophenol	9.975	184	4836	10.248	ng	#	42
55) Dibenzofuran	10.127	168	176092	9.837	ng		98
56) 4-Nitrophenol	10.022	139	18325	7.585	ng		92
57) 2,4-Dinitrotoluene	10.104	165	33266	8.508	ng	#	97
58) Fluorene	10.469	166	134157	9.666	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	30400	8.911	ng		99
60) Diethylphthalate	10.339	149	122333	9.180	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	65458	9.780	ng		98
62) 4-Nitroaniline	10.475	138	25133	8.067	ng		98
63) Azobenzene	10.627	77	129276	9.204	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	9507	5.114	ng		95
66) n-Nitrosodiphenylamine	10.580	169	111118	9.488	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	36257	9.288	ng		96
68) Hexachlorobenzene	11.016	284	41177	9.214	ng		100
69) Atrazine	11.104	200	31023	11.481	ng		99
70) Pentachlorophenol	11.210	266	17002	6.586	ng		98
71) Phenanthrene	11.433	178	184167	9.798	ng		99
72) Anthracene	11.486	178	181199	9.869	ng		99
73) Carbazole	11.639	167	160155	9.333	ng		99
74) Di-n-butylphthalate	11.974	149	163643	9.313	ng		99
75) Fluoranthene	12.621	202	177095	9.398	ng		99
77) Benzidine	12.745	184	36876	9.076	ng		95
78) Pyrene	12.851	202	186082	9.546	ng		99
80) Butylbenzylphthalate	13.474	149	38177	8.319	ng		98
81) Benzo(a)anthracene	14.039	228	120491	9.351	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	33236	9.713	ng		97
83) Chrysene	14.074	228	110023	9.149	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	41677	7.738	ng		99
85) Di-n-octyl phthalate	14.645	149	68637	6.656	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	89224	7.520	ng		98
88) Benzo(b)fluoranthene	15.092	252	96083	8.785	ng		97
89) Benzo(k)fluoranthene	15.115	252	94792	9.666	ng		99
90) Benzo(a)pyrene	15.457	252	87293	9.399	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	70348	7.195	ng		99
92) Benzo(g,h,i)perylene	17.445	276	69430	6.880	ng		99

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

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