

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101364.D
 Acq On : 18 Sep 2024 15:26
 Operator : RC/JU
 Sample : P2403-01
 Misc : LOD-MDL-SOIL-8PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: Sep 18 16:47:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	162467	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	791239	20.000	ng	0.00
39) Acenaphthene-d10	14.181	164	589289	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	1414699	20.000	ng	0.00
76) Chrysene-d12	21.079	240	1627361	20.000	ng	0.00
86) Perylene-d12	23.371	264	1968599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.321	112	1250777	134.607	ng	0.00
7) Phenol-d6	6.949	99	1718313	130.446	ng	0.00
23) Nitrobenzene-d5	8.788	82	1250074	100.162	ng	0.00
42) 2,4,6-Tribromophenol	15.691	330	1448587	146.151	ng	0.00
45) 2-Fluorobiphenyl	12.806	172	3216982	94.337	ng	0.00
79) Terphenyl-d14	19.516	244	4974598	67.780	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.224	88	33041	9.338	ng	97
3) Pyridine	3.758	79	72774m	7.140	ng	
4) n-Nitrosodimethylamine	3.617	42	32529m	8.883	ng	
6) Aniline	7.019	93	130749	11.831	ng	98
8) 2-Chlorophenol	7.219	128	99798	8.938	ng	100
9) Benzaldehyde	6.790	77	79332	13.104	ng	95
10) Phenol	6.978	94	114725	7.924	ng	98
11) bis(2-Chloroethyl)ether	7.048	93	92754m	7.569	ng	
12) 1,3-Dichlorobenzene	7.460	146	104646	8.720	ng	99
13) 1,4-Dichlorobenzene	7.607	146	108123	8.843	ng	98
14) 1,2-Dichlorobenzene	7.936	146	104593	8.633	ng	95
15) Benzyl Alcohol	7.918	79	81055	10.334	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.071	45	142225	9.209	ng	100
17) 2-Methylphenol	8.159	107	77913	8.121	ng	98
18) Hexachloroethane	8.629	117	33467	8.370	ng	98
19) n-Nitroso-di-n-propyla...	8.376	70	80338	8.641	ng	96
20) 3+4-Methylphenols	8.494	107	104325	7.728	ng	99
22) Acetophenone	8.429	105	164684	8.976	ng	# 98
24) Nitrobenzene	8.823	77	118995	8.931	ng	99
25) Isophorone	9.281	82	230190	9.010	ng	100
26) 2-Nitrophenol	9.516	139	53016	8.431	ng	95
27) 2,4-Dimethylphenol	9.634	122	49920	6.184	ng	97
28) bis(2-Chloroethoxy)met...	9.781	93	136143	8.809	ng	98
29) 2,4-Dichlorophenol	10.063	162	92356	8.354	ng	96
30) 1,2,4-Trichlorobenzene	10.186	180	102651	8.591	ng	98
31) Naphthalene	10.392	128	352380	8.826	ng	99
32) Benzoic acid	9.828	122	35272	10.815	ng	99
33) 4-Chloroaniline	10.621	127	136833	8.958	ng	99
34) Hexachlorobutadiene	10.638	225	58901	8.485	ng	98
35) Caprolactam	11.402	113	38182m	8.549	ng	
36) 4-Chloro-3-methylphenol	11.790	107	110935	8.492	ng	99
37) 2-Methylnaphthalene	11.978	142	255579	8.753	ng	99
38) 1-Methylnaphthalene	12.207	142	244757	8.356	ng	98
40) 1,2,4,5-Tetrachloroben...	12.336	216	123902	8.728	ng	99
41) Hexachlorocyclopentadiene	12.319	237	28076	6.019	ng	100
43) 2,4,6-Trichlorophenol	12.654	196	83656	8.321	ng	99

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44) 2,4,5-Trichlorophenol	12.754	196	91583	8.074	ng	95
46) 1,1'-Biphenyl	13.012	154	367476	9.202	ng	100
47) 2-Chloronaphthalene	13.053	162	272445	8.673	ng	99
48) 2-Nitroaniline	13.388	65	70360	8.325	ng	96
49) Acenaphthylene	13.911	152	453467	9.675	ng	98
50) Dimethylphthalate	13.682	163	387618	9.116	ng	100
51) 2,6-Dinitrotoluene	13.823	165	79132	8.316	ng	98
52) Acenaphthene	14.246	154	270778	8.764	ng	95
53) 3-Nitroaniline	14.234	138	82556	8.434	ng	97
54) 2,4-Dinitrophenol	14.369	184	37127	6.554	ng	93
55) Dibenzofuran	14.587	168	460108	9.428	ng	97
56) 4-Nitrophenol	14.651	139	67260	8.265	ng	96
57) 2,4-Dinitrotoluene	14.604	165	104423	8.061	ng	# 87
58) Fluorene	15.227	166	371310	9.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.851	232	94210	8.782	ng	99
60) Diethylphthalate	15.010	149	404813	9.176	ng	98
61) 4-Chlorophenyl-phenyle...	15.215	204	178523	8.851	ng	98
62) 4-Nitroaniline	15.415	138	86004	8.430	ng	92
63) Azobenzene	15.509	77	352168	9.341	ng	97
65) 4,6-Dinitro-2-methylph...	15.351	198	55336	6.888	ng	97
66) n-Nitrosodiphenylamine	15.462	169	337843	8.959	ng	98
67) 4-Bromophenyl-phenylether	16.103	248	123176	8.381	ng	97
68) Hexachlorobenzene	16.202	284	157210	8.277	ng	99
69) Atrazine	16.396	200	129706	10.416	ng	98
70) Pentachlorophenol	16.614	266	84867	7.478	ng	97
71) Phenanthrene	16.960	178	644613	9.594	ng	97
72) Anthracene	17.049	178	602246	9.211	ng	96
73) Carbazole	17.378	167	629562	9.396	ng	97
74) Di-n-butylphthalate	17.830	149	728994	9.909	ng	# 95
75) Fluoranthene	18.964	202	795482	9.835	ng	95
77) Benzidine	19.222	184	255448	9.458	ng	99
78) Pyrene	19.334	202	854332	9.439	ng	93
80) Butylbenzylphthalate	20.186	149	363296	9.068	ng	98
81) Benzo(a)anthracene	21.061	228	914317	10.005	ng	92
82) 3,3'-Dichlorobenzidine	21.038	252	328689	9.179	ng	99
83) Chrysene	21.114	228	888761	10.124	ng	92
84) Bis(2-ethylhexyl)phtha...	20.891	149	491662	9.279	ng	94
85) Di-n-octyl phthalate	21.743	149	859747	9.940	ng	99
87) Indeno(1,2,3-cd)pyrene	25.680	276	1253701	9.666	ng	98
88) Benzo(b)fluoranthene	22.660	252	1006443	9.871	ng	94
89) Benzo(k)fluoranthene	22.701	252	937786	9.745	ng	94
90) Benzo(a)pyrene	23.259	252	892377	9.917	ng	97
91) Dibenzo(a,h)anthracene	25.680	278	1044529	9.619	ng	98
92) Benzo(g,h,i)perylene	26.432	276	972918	8.824	ng	97

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

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