

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101359.D
 Acq On : 18 Sep 2024 12:21
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 18 13:28:43 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	7.576	152	155022	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	761198	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	570003	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1361167	20.000	ng	0.00
76) Chrysene-d12	21.084	240	1565078	20.000	ng	0.00
86) Perylene-d12	23.370	264	1872927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	780873	88.072	ng	0.00
7) Phenol-d6	6.948	99	1058563	84.220	ng	0.00
23) Nitrobenzene-d5	8.787	82	750719	62.525	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	867893	90.526	ng	0.00
45) 2-Fluorobiphenyl	12.806	172	2102379	63.737	ng	0.00
79) Terphenyl-d14	19.515	244	3948456	55.940	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.229	88	24801	7.346	ng	94
3) Pyridine	3.781	79	53018m	5.452	ng	
4) n-Nitrosodimethylamine	3.628	42	27873m	7.977	ng	
6) Aniline	7.018	93	97661	9.261	ng	97
8) 2-Chlorophenol	7.218	128	80815	7.585	ng	98
9) Benzaldehyde	6.789	77	59510	10.302	ng	98
10) Phenol	6.977	94	91234	6.604	ng	96
11) bis(2-Chloroethyl)ether	7.048	93	78649m	6.727	ng	
12) 1,3-Dichlorobenzene	7.459	146	86105	7.520	ng	98
13) 1,4-Dichlorobenzene	7.612	146	87710	7.518	ng	99
14) 1,2-Dichlorobenzene	7.935	146	83829	7.251	ng	98
15) Benzyl Alcohol	7.923	79	60069	8.026	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.076	45	116486	7.905	ng	99
17) 2-Methylphenol	8.158	107	61901	6.762	ng	97
18) Hexachloroethane	8.634	117	27274	7.149	ng	97
19) n-Nitroso-di-n-propyla...	8.381	70	62440	7.039	ng	94
20) 3+4-Methylphenols	8.499	107	82239	6.385	ng	98
22) Acetophenone	8.434	105	131163	7.431	ng	# 98
24) Nitrobenzene	8.828	77	92383	7.207	ng	97
25) Isophorone	9.280	82	181923	7.401	ng	99
26) 2-Nitrophenol	9.515	139	39182	6.477	ng	97
27) 2,4-Dimethylphenol	9.633	122	42048	5.414	ng	96
28) bis(2-Chloroethoxy)met...	9.786	93	109497	7.365	ng	98
29) 2,4-Dichlorophenol	10.062	162	73951	6.953	ng	98
30) 1,2,4-Trichlorobenzene	10.185	180	83456	7.260	ng	98
31) Naphthalene	10.391	128	284804	7.415	ng	99
32) Benzoic acid	9.833	122	44884	11.935	ng	98
33) 4-Chloroaniline	10.620	127	106366	7.239	ng	99
34) Hexachlorobutadiene	10.638	225	47571	7.123	ng	97
35) Caprolactam	11.407	113	27929m	6.500	ng	
36) 4-Chloro-3-methylphenol	11.789	107	83822	6.670	ng	98
37) 2-Methylnaphthalene	11.977	142	205504	7.316	ng	97
38) 1-Methylnaphthalene	12.206	142	195281	6.930	ng	99
40) 1,2,4,5-Tetrachloroben...	12.336	216	100732	7.336	ng	99
41) Hexachlorocyclopentadiene	12.318	237	54037	11.977	ng	98
43) 2,4,6-Trichlorophenol	12.659	196	65151	6.700	ng	98

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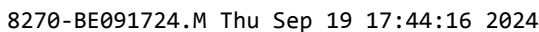
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44) 2,4,5-Trichlorophenol	12.753	196	70924	6.464	ng	98
46) 1,1'-Biphenyl	13.011	154	292840	7.581	ng	98
47) 2-Chloronaphthalene	13.058	162	216362	7.121	ng	98
48) 2-Nitroaniline	13.387	65	51292	6.274	ng	95
49) Acenaphthylene	13.916	152	355017	7.830	ng	98
50) Dimethylphthalate	13.687	163	310215	7.542	ng	99
51) 2,6-Dinitrotoluene	13.822	165	59489	6.463	ng	99
52) Acenaphthene	14.245	154	213985	7.160	ng	97
53) 3-Nitroaniline	14.233	138	60602	6.400	ng	98
54) 2,4-Dinitrophenol	14.368	184	32418	5.916	ng	94
55) Dibenzofuran	14.586	168	359571	7.617	ng	98
56) 4-Nitrophenol	14.651	139	55743m	7.081	ng	
57) 2,4-Dinitrotoluene	14.604	165	78637	6.276	ng	# 86
58) Fluorene	15.226	166	298345	7.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.856	232	74861	7.215	ng	98
60) Diethylphthalate	15.015	149	325966	7.639	ng	98
61) 4-Chlorophenyl-phenyle...	15.215	204	143325	7.346	ng	97
62) 4-Nitroaniline	15.420	138	61124	6.194	ng	99
63) Azobenzene	15.508	77	276451	7.581	ng	97
65) 4,6-Dinitro-2-methylph...	15.350	198	56739	7.341	ng	94
66) n-Nitrosodiphenylamine	15.461	169	266973	7.358	ng	98
67) 4-Bromophenyl-phenylether	16.102	248	99014	7.002	ng	100
68) Hexachlorobenzene	16.208	284	124493	6.812	ng	95
69) Atrazine	16.396	200	101094	8.438	ng	98
70) Pentachlorophenol	16.613	266	124300	11.384	ng	99
71) Phenanthrene	16.960	178	509179	7.876	ng	97
72) Anthracene	17.048	178	477646	7.593	ng	97
73) Carbazole	17.377	167	489018	7.585	ng	97
74) Di-n-butylphthalate	17.829	149	573947	8.108	ng	# 95
75) Fluoranthene	18.963	202	630188	8.097	ng	95
77) Benzidine	19.222	184	186069m	7.163	ng	
78) Pyrene	19.333	202	680741	7.821	ng	93
80) Butylbenzylphthalate	20.185	149	288547	7.488	ng	97
81) Benzo(a)anthracene	21.061	228	726762	8.269	ng	91
82) 3,3'-Dichlorobenzidine	21.037	252	258502	7.506	ng	97
83) Chrysene	21.119	228	709978	8.409	ng	91
84) Bis(2-ethylhexyl)phtha...	20.890	149	385095	7.557	ng	94
85) Di-n-octyl phthalate	21.742	149	671148	8.069	ng	99
87) Indeno(1,2,3-cd)pyrene	25.685	276	977433	7.921	ng	98
88) Benzo(b)fluoranthene	22.659	252	781473	8.056	ng	95
89) Benzo(k)fluoranthene	22.700	252	748026	8.170	ng	95
90) Benzo(a)pyrene	23.258	252	692744	8.092	ng	96
91) Dibenzo(a,h)anthracene	25.679	278	801216	7.756	ng	98
92) Benzo(g,h,i)perylene	26.431	276	752346	7.172	ng	98

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

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