

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101363.D
 Acq On : 18 Sep 2024 14:47
 Operator : RC/JU
 Sample : P2403-01
 Misc : LOD-MDL-SOIL-4PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 18 16:46:08 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	7.577	152	187751	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	896181	20.000	ng	0.00
39) Acenaphthene-d10	14.181	164	662923	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1554216	20.000	ng	0.00
76) Chrysene-d12	21.078	240	1790481	20.000	ng	0.00
86) Perylene-d12	23.376	264	2179414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	1260395	117.375	ng	0.00
7) Phenol-d6	6.954	99	1742897	114.494	ng	0.00
23) Nitrobenzene-d5	8.787	82	1207827	85.445	ng	0.00
42) 2,4,6-Tribromophenol	15.691	330	1405584	126.060	ng	0.00
45) 2-Fluorobiphenyl	12.806	172	3149516	82.100	ng	0.00
79) Terphenyl-d14	19.515	244	4926747	61.013	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.235	88	16464	4.027	ng	99
3) Pyridine	3.846	79	34611m	2.939	ng	
4) n-Nitrosodimethylamine	3.658	42	17417m	4.116	ng	
6) Aniline	7.018	93	59970	4.696	ng	97
8) 2-Chlorophenol	7.218	128	49754	3.856	ng	94
9) Benzaldehyde	6.795	77	37684	5.386	ng	99
10) Phenol	6.977	94	55871	3.339	ng	88
11) bis(2-Chloroethyl)ether	7.048	93	50401m	3.559	ng	
12) 1,3-Dichlorobenzene	7.459	146	53598	3.865	ng	98
13) 1,4-Dichlorobenzene	7.606	146	54080	3.827	ng	98
14) 1,2-Dichlorobenzene	7.941	146	52844	3.774	ng	98
15) Benzyl Alcohol	7.923	79	46117	5.088	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.070	45	73336	4.109	ng	97
17) 2-Methylphenol	8.158	107	37816	3.411	ng	99
18) Hexachloroethane	8.634	117	17169	3.716	ng	90
19) n-Nitroso-di-n-propyla...	8.381	70	38718	3.604	ng	98
20) 3+4-Methylphenols	8.499	107	49722	3.187	ng	95
22) Acetophenone	8.434	105	80012	3.850	ng	# 97
24) Nitrobenzene	8.828	77	62881	4.167	ng	98
25) Isophorone	9.280	82	110648	3.824	ng	98
26) 2-Nitrophenol	9.515	139	24791	3.481	ng	96
27) 2,4-Dimethylphenol	9.633	122	22553	2.466	ng	95
28) bis(2-Chloroethoxy)met...	9.786	93	68165	3.894	ng	95
29) 2,4-Dichlorophenol	10.062	162	43868	3.503	ng	95
30) 1,2,4-Trichlorobenzene	10.185	180	51750	3.824	ng	99
31) Naphthalene	10.391	128	179160	3.962	ng	100
32) Benzoic acid	9.809	122	14366m	8.592	ng	
33) 4-Chloroaniline	10.620	127	66563	3.848	ng	98
34) Hexachlorobutadiene	10.638	225	30349	3.860	ng	94
35) Caprolactam	11.425	113	16540m	3.270	ng	
36) 4-Chloro-3-methylphenol	11.789	107	50244	3.396	ng	96
37) 2-Methylnaphthalene	11.983	142	128888	3.897	ng	96
38) 1-Methylnaphthalene	12.206	142	120257	3.625	ng	96
40) 1,2,4,5-Tetrachloroben...	12.336	216	62174	3.893	ng	100
41) Hexachlorocyclopentadiene	12.318	237	11664	2.223	ng	97
43) 2,4,6-Trichlorophenol	12.659	196	39139	3.461	ng	99

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44) 2,4,5-Trichlorophenol	12.753	196	42830	3.356	ng	95
46) 1,1'-Biphenyl	13.011	154	188705	4.201	ng	97
47) 2-Chloronaphthalene	13.058	162	134480	3.806	ng	97
48) 2-Nitroaniline	13.387	65	28479	2.995	ng	95
49) Acenaphthylene	13.916	152	214395	4.066	ng	98
50) Dimethylphthalate	13.687	163	188486	3.940	ng	99
51) 2,6-Dinitrotoluene	13.822	165	34691	3.241	ng	97
52) Acenaphthene	14.245	154	132709	3.818	ng	97
53) 3-Nitroaniline	14.233	138	34032	3.090	ng	# 88
54) 2,4-Dinitrophenol	14.369	184	12844	2.015	ng	96
55) Dibenzofuran	14.586	168	224148	4.083	ng	96
56) 4-Nitrophenol	14.651	139	29739m	3.248	ng	
57) 2,4-Dinitrotoluene	14.609	165	43003	2.951	ng	# 98
58) Fluorene	15.226	166	181085	3.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.856	232	43747	3.625	ng	99
60) Diethylphthalate	15.009	149	195735	3.944	ng	98
61) 4-Chlorophenyl-phenyle...	15.215	204	88053	3.880	ng	98
62) 4-Nitroaniline	15.420	138	31891	2.779	ng	97
63) Azobenzene	15.508	77	165920	3.912	ng	97
65) 4,6-Dinitro-2-methylph...	15.344	198	20727	2.349	ng	91
66) n-Nitrosodiphenylamine	15.461	169	159815	3.858	ng	100
67) 4-Bromophenyl-phenylether	16.102	248	59542	3.688	ng	99
68) Hexachlorobenzene	16.202	284	76154	3.649	ng	99
69) Atrazine	16.396	200	60104	4.393	ng	99
70) Pentachlorophenol	16.613	266	36506	2.928	ng	99
71) Phenanthrene	16.960	178	313531	4.247	ng	98
72) Anthracene	17.048	178	277993	3.870	ng	96
73) Carbazole	17.377	167	294241	3.997	ng	98
74) Di-n-butylphthalate	17.829	149	338801	4.192	ng	# 95
75) Fluoranthene	18.963	202	379375	4.269	ng	94
77) Benzidine	19.222	184	90639	3.050	ng	99
78) Pyrene	19.333	202	412316	4.140	ng	93
80) Butylbenzylphthalate	20.185	149	171479	3.890	ng	96
81) Benzo(a)anthracene	21.061	228	444058	4.416	ng	91
82) 3,3'-Dichlorobenzidine	21.037	252	148282	3.764	ng	98
83) Chrysene	21.114	228	425128	4.401	ng	91
84) Bis(2-ethylhexyl)phtha...	20.890	149	232336	3.985	ng	# 93
85) Di-n-octyl phthalate	21.736	149	415114	4.362	ng	99
87) Indeno(1,2,3-cd)pyrene	25.679	276	579140	4.033	ng	97
88) Benzo(b)fluoranthene	22.659	252	451819	4.003	ng	93
89) Benzo(k)fluoranthene	22.700	252	471083	4.422	ng	93
90) Benzo(a)pyrene	23.258	252	421448	4.231	ng	97
91) Dibenzo(a,h)anthracene	25.673	278	486017	4.043	ng	97
92) Benzo(g,h,i)perylene	26.425	276	451400	3.698	ng	96

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

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