

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
 Data File : BP014065.D
 Acq On : 13 Mar 2023 13:04
 Operator : CG/JU
 Sample : 01627-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Quant Time: Mar 14 04:18:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	151270	20.000	ng	0.00
21) Naphthalene-d8	10.905	136	521402	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	300080	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	588044	20.000	ng	0.00
76) Chrysene-d12	21.551	240	493172	20.000	ng	0.00
86) Perylene-d12	24.092	264	496456	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.617	112	1013392	108.644	ng	0.00
7) Phenol-d6	7.234	99	1299367	106.101	ng	0.00
23) Nitrobenzene-d5	9.258	82	943336	82.692	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	458753	94.290	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	1825365	78.809	ng	0.00
79) Terphenyl-d14	20.010	244	2265859	75.760	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.475	88	18916	4.668	ng	92
3) Pyridine	3.905	79	55531	4.935	ng	99
4) n-Nitrosodimethylamine	3.799	42	25577	5.120	ng	# 97
6) Aniline	7.405	93	85885	5.339	ng	97
8) 2-Chlorophenol	7.640	128	54611	5.466	ng	93
9) Benzaldehyde	7.216	77	45434	7.414	ng	99
10) Phenol	7.258	94	71870	5.639	ng	92
11) bis(2-Chloroethyl)ether	7.499	93	55055	5.455	ng	97
12) 1,3-Dichlorobenzene	7.969	146	63634	5.796	ng	99
13) 1,4-Dichlorobenzene	8.116	146	63437	5.712	ng	97
14) 1,2-Dichlorobenzene	8.434	146	61569	5.788	ng	97
15) Benzyl Alcohol	8.328	79	49794	4.987	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.616	45	69519	6.327	ng	95
17) 2-Methylphenol	8.528	107	45145	4.966	ng	97
18) Hexachloroethane	9.169	117	22938	5.498	ng	97
19) n-Nitroso-di-n-propyla...	8.887	70	41100	5.099	ng	98
20) 3+4-Methylphenols	8.852	107	56312	4.600	ng	97
22) Acetophenone	8.916	105	65221	4.459	ng	# 99
24) Nitrobenzene	9.299	77	71308	6.109	ng	95
25) Isophorone	9.822	82	107843	5.131	ng	98
26) 2-Nitrophenol	10.010	139	24896	4.904	ng	94
27) 2,4-Dimethylphenol	10.069	122	44403	5.379	ng	99
28) bis(2-Chloroethoxy)met...	10.305	93	67972	5.587	ng	98
29) 2,4-Dichlorophenol	10.552	162	45431	5.027	ng	97
30) 1,2,4-Trichlorobenzene	10.763	180	56980	5.554	ng	97
31) Naphthalene	10.957	128	157819	5.508	ng	99
32) Benzoic acid	10.157	122	9380m	3.995	ng	
33) 4-Chloroaniline	11.075	127	59356	4.833	ng	98
34) Hexachlorobutadiene	11.234	225	37469	5.023	ng	100
35) Caprolactam	11.846	113	8827m	3.412	ng	
36) 4-Chloro-3-methylphenol	12.181	107	48033	4.766	ng	97
37) 2-Methylnaphthalene	12.557	142	111279	5.265	ng	97
38) 1-Methylnaphthalene	12.775	142	103143m	5.235	ng	
40) 1,2,4,5-Tetrachloroben...	12.916	216	51453	4.498	ng	98
41) Hexachlorocyclopentadiene	12.893	237	34631	4.824	ng	98
43) 2,4,6-Trichlorophenol	13.157	196	36741	5.082	ng	99

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44) 2,4,5-Trichlorophenol	13.234	196	38758	4.626	ng	97
46) 1,1'-Biphenyl	13.551	154	114200	4.728	ng	97
47) 2-Chloronaphthalene	13.598	162	110916	5.965	ng	99
48) 2-Nitroaniline	13.810	65	26965	4.778	ng	95
49) Acenaphthylene	14.445	152	159726	5.402	ng	100
50) Dimethylphthalate	14.169	163	132964	5.371	ng	98
51) 2,6-Dinitrotoluene	14.293	165	25863	4.961	ng	99
52) Acenaphthene	14.781	154	96948	5.446	ng	96
53) 3-Nitroaniline	14.634	138	21873	4.281	ng	97
54) 2,4-Dinitrophenol	14.840	184	10764	5.756	ng	# 88
55) Dibenzofuran	15.116	168	166533	5.739	ng	97
56) 4-Nitrophenol	14.940	139	15394	3.700	ng	# 76
57) 2,4-Dinitrotoluene	15.081	165	30616	4.393	ng	# 96
58) Fluorene	15.769	166	122271	5.306	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.345	232	35600m	4.871	ng	
60) Diethylphthalate	15.528	149	118262	4.838	ng	99
61) 4-Chlorophenyl-phenyle...	15.757	204	67001	5.129	ng	97
62) 4-Nitroaniline	15.792	138	20061	3.943	ng	# 85
63) Azobenzene	16.051	77	114778	5.075	ng	97
65) 4,6-Dinitro-2-methylph...	15.845	198	15037	3.452	ng	96
66) n-Nitrosodiphenylamine	15.969	169	102121	5.496	ng	95
67) 4-Bromophenyl-phenylether	16.657	248	38738	4.980	ng	96
68) Hexachlorobenzene	16.775	284	46388	5.564	ng	96
69) Atrazine	16.922	200	26114	4.003	ng	98
70) Pentachlorophenol	17.128	266	23606	3.926	ng	98
71) Phenanthrene	17.516	178	186496	5.677	ng	99
72) Anthracene	17.610	178	175462	5.227	ng	98
73) Carbazole	17.881	167	149328	5.157	ng	98
74) Di-n-butylphthalate	18.410	149	165277	4.565	ng	100
75) Fluoranthene	19.475	202	196169	4.996	ng	98
77) Benzidine	19.651	184	55676	7.478	ng	97
78) Pyrene	19.828	202	206848	5.465	ng	98
80) Butylbenzylphthalate	20.680	149	60850	4.240	ng	99
81) Benzo(a)anthracene	21.539	228	188372	5.206	ng	99
82) 3,3'-Dichlorobenzidine	21.463	252	49094	4.240	ng	95
83) Chrysene	21.592	228	188418	5.498	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	84996	4.037	ng	99
85) Di-n-octyl phthalate	22.398	149	134245	3.928	ng	96
87) Indeno(1,2,3-cd)pyrene	26.762	276	202299	5.274	ng	97
88) Benzo(b)fluoranthene	23.310	252	181784	5.592	ng	99
89) Benzo(k)fluoranthene	23.363	252	170757	5.298	ng	# 94
90) Benzo(a)pyrene	23.980	252	153134	4.939	ng	98
91) Dibenzo(a,h)anthracene	26.780	278	168927	5.297	ng	# 96
92) Benzo(g,h,i)perylene	27.586	276	172136	5.447	ng	99

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

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