

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
 Data File : BP015287.D
 Acq On : 25 May 2023 11:56
 Operator : CG/JU
 Sample : 02213-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Quant Time: May 25 13:56:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	203348	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	803266	20.000	ng	0.00
39) Acenaphthene-d10	14.757	164	494855	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	987421	20.000	ng	0.01
76) Chrysene-d12	21.592	240	761158	20.000	ng	0.00
86) Perylene-d12	24.151	264	838771	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1262024	102.840	ng	0.00
7) Phenol-d6	7.264	99	1664052	103.472	ng	0.00
23) Nitrobenzene-d5	9.287	82	1242386	75.518	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	680082	101.131	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	2728441	74.023	ng	0.00
79) Terphenyl-d14	20.051	244	3179040	78.560	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	25526	4.696	ng	97
3) Pyridine	3.887	79	56620	4.076	ng	95
4) n-Nitrosodimethylamine	3.787	42	29899	4.612	ng	98
6) Aniline	7.428	93	98876	4.864	ng	99
8) 2-Chlorophenol	7.669	128	61958	4.831	ng	97
9) Benzaldehyde	7.240	77	57006	2.061	ng	93
10) Phenol	7.287	94	79726	4.950	ng	94
11) bis(2-Chloroethyl)ether	7.528	93	66978	4.961	ng	99
12) 1,3-Dichlorobenzene	7.999	146	72311	5.067	ng	99
13) 1,4-Dichlorobenzene	8.146	146	75449	5.253	ng	97
14) 1,2-Dichlorobenzene	8.469	146	70079	5.114	ng	97
15) Benzyl Alcohol	8.358	79	50651	4.512	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.646	45	92359m	5.306	ng	
17) 2-Methylphenol	8.558	107	50809	4.433	ng	97
18) Hexachloroethane	9.199	117	26778	4.947	ng	91
19) n-Nitroso-di-n-propyla...	8.922	70	52839	5.134	ng	97
20) 3+4-Methylphenols	8.887	107	68794	4.443	ng	97
22) Acetophenone	8.946	105	97656	4.681	ng	# 98
24) Nitrobenzene	9.334	77	82464	5.034	ng	98
25) Isophorone	9.857	82	135121	4.577	ng	98
26) 2-Nitrophenol	10.052	139	29485	4.101	ng	94
27) 2,4-Dimethylphenol	10.099	122	56720	4.705	ng	96
28) bis(2-Chloroethoxy)met...	10.340	93	89750	4.932	ng	100
29) 2,4-Dichlorophenol	10.587	162	54262	4.341	ng	97
30) 1,2,4-Trichlorobenzene	10.805	180	67639	4.852	ng	96
31) Naphthalene	10.993	128	204498	4.834	ng	98
32) Benzoic acid	10.175	122	15793m	7.778	ng	
33) 4-Chloroaniline	11.110	127	75568	4.321	ng	99
34) Hexachlorobutadiene	11.269	225	42695	4.833	ng	93
35) Caprolactam	11.875	113	13939	3.633	ng	89
36) 4-Chloro-3-methylphenol	12.216	107	58680	4.318	ng	97
37) 2-Methylnaphthalene	12.593	142	144649	4.811	ng	99
38) 1-Methylnaphthalene	12.810	142	137885	4.915	ng	97
40) 1,2,4,5-Tetrachloroben...	12.957	216	73788	4.544	ng	99
41) Hexachlorocyclopentadiene	12.934	237	37883	4.405	ng	94
43) 2,4,6-Trichlorophenol	13.193	196	45467	4.314	ng	99

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44) 2,4,5-Trichlorophenol	13.269	196	49298	3.979	ng	96
46) 1,1'-Biphenyl	13.593	154	185748	4.737	ng	99
47) 2-Chloronaphthalene	13.640	162	145122	4.906	ng	97
48) 2-Nitroaniline	13.846	65	33636	3.723	ng	94
49) Acenaphthylene	14.481	152	220040	4.649	ng	98
50) Dimethylphthalate	14.204	163	178978	4.623	ng	100
51) 2,6-Dinitrotoluene	14.328	165	34055	4.166	ng	97
52) Acenaphthene	14.822	154	135955	4.823	ng	99
53) 3-Nitroaniline	14.663	138	29309	3.508	ng	89
54) 2,4-Dinitrophenol	14.881	184	12604	7.330	ng	90
55) Dibenzofuran	15.151	168	223430	4.845	ng	99
56) 4-Nitrophenol	14.969	139	18654	5.862	ng	94
57) 2,4-Dinitrotoluene	15.122	165	40276	3.747	ng	# 98
58) Fluorene	15.804	166	175734	4.934	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.381	232	41539	4.192	ng	96
60) Diethylphthalate	15.563	149	169376	4.392	ng	99
61) 4-Chlorophenyl-phenyle...	15.792	204	87467	4.797	ng	98
62) 4-Nitroaniline	15.828	138	25292	4.986	ng	95
63) Azobenzene	16.087	77	161638	4.393	ng	98
65) 4,6-Dinitro-2-methylph...	15.887	198	19524	3.255	ng	99
66) n-Nitrosodiphenylamine	16.010	169	143823	4.888	ng	100
67) 4-Bromophenyl-phenylether	16.692	248	51508	4.824	ng	98
68) Hexachlorobenzene	16.810	284	59630	5.071	ng	98
69) Atrazine	16.957	200	42049	4.476	ng	98
70) Pentachlorophenol	17.163	266	26604	3.302	ng	98
71) Phenanthrene	17.557	178	260784	4.955	ng	99
72) Anthracene	17.645	178	247835	4.702	ng	99
73) Carbazole	17.916	167	201614	4.320	ng	99
74) Di-n-butylphthalate	18.445	149	233030	3.888	ng	99
75) Fluoranthene	19.510	202	257949	4.196	ng	99
77) Benzidine	19.686	184	71916	5.967	ng	97
78) Pyrene	19.863	202	269853	4.955	ng	99
80) Butylbenzylphthalate	20.716	149	84458	3.659	ng	97
81) Benzo(a)anthracene	21.575	228	244048	4.615	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	76056	4.656	ng	96
83) Chrysene	21.633	228	241738	4.767	ng	99
84) Bis(2-ethylhexyl)phtha...	21.475	149	122089	3.592	ng	99
85) Di-n-octyl phthalate	22.451	149	200694	3.490	ng	99
87) Indeno(1,2,3-cd)pyrene	26.857	276	277711	4.568	ng	99
88) Benzo(b)fluoranthene	23.363	252	237002	4.647	ng	98
89) Benzo(k)fluoranthene	23.416	252	240771	4.689	ng	98
90) Benzo(a)pyrene	24.033	252	203561	4.134	ng	98
91) Dibenzo(a,h)anthracene	26.874	278	229601	4.599	ng	97
92) Benzo(g,h,i)perylene	27.692	276	228522	4.505	ng	100

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

Manual Integrations

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