

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014078.D
 Acq On : 14 Mar 2023 11:41
 Operator : CG/JU
 Sample : 01627-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 15 04:02:29 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 :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	156699	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	588321	20.000	ng	# 0.00
39) Acenaphthene-d10	14.716	164	392481	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	856905	20.000	ng	# 0.00
76) Chrysene-d12	21.551	240	731329	20.000	ng	0.00
86) Perylene-d12	24.086	264	678377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1084699	112.260	ng	0.00
7) Phenol-d6	7.228	99	1408946	111.063	ng	0.00
23) Nitrobenzene-d5	9.252	82	1062944	82.578	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	690182	108.459	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	2389084	78.864	ng	0.00
79) Terphenyl-d14	20.010	244	3703701	83.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	16630	3.962	ng	96
3) Pyridine	3.905	79	33818	2.901	ng	95
4) n-Nitrosodimethylamine	3.799	42	17485	3.379	ng	# 92
6) Aniline	7.399	93	60777	3.647	ng	98
8) 2-Chlorophenol	7.634	128	39873	3.853	ng	93
9) Benzaldehyde	7.211	77	40934	6.448	ng	94
10) Phenol	7.252	94	51313	3.886	ng	91
11) bis(2-Chloroethyl)ether	7.493	93	42496	4.065	ng	97
12) 1,3-Dichlorobenzene	7.963	146	46102	4.054	ng	98
13) 1,4-Dichlorobenzene	8.111	146	47412	4.121	ng	98
14) 1,2-Dichlorobenzene	8.428	146	45251	4.106	ng	97
15) Benzyl Alcohol	8.322	79	35427	3.425	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.611	45	52822	4.641	ng	96
17) 2-Methylphenol	8.516	107	31043	3.297	ng	98
18) Hexachloroethane	9.163	117	16136	3.733	ng	96
19) n-Nitroso-di-n-propyla...	8.881	70	32752	3.922	ng	# 97
20) 3+4-Methylphenols	8.852	107	39598	3.122	ng	96
22) Acetophenone	8.910	105	62055	3.760	ng	# 97
24) Nitrobenzene	9.293	77	55597	4.221	ng	96
25) Isophorone	9.816	82	84863	3.578	ng	96
26) 2-Nitrophenol	10.010	139	17160	2.995	ng	93
27) 2,4-Dimethylphenol	10.057	122	32199	3.457	ng	93
28) bis(2-Chloroethoxy)met...	10.299	93	53458	3.894	ng	98
29) 2,4-Dichlorophenol	10.552	162	31886	3.127	ng	98
30) 1,2,4-Trichlorobenzene	10.757	180	43492	3.757	ng	98
31) Naphthalene	10.946	128	124221	3.843	ng	99
32) Benzoic acid	10.163	122	9422m	3.853	ng	
33) 4-Chloroaniline	11.069	127	42853	3.092	ng	95
34) Hexachlorobutadiene	11.228	225	29011	3.447	ng	95
35) Caprolactam	11.840	113	9556m	3.274	ng	
36) 4-Chloro-3-methylphenol	12.175	107	38622	3.396	ng	93
37) 2-Methylnaphthalene	12.551	142	85479	3.584	ng	96
38) 1-Methylnaphthalene	12.763	142	80689	3.629	ng	99
40) 1,2,4,5-Tetrachloroben...	12.910	216	52886	3.535	ng	99
41) Hexachlorocyclopentadiene	12.887	237	26889	2.864	ng	96
43) 2,4,6-Trichlorophenol	13.151	196	29710	3.142	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	29706	2.711	ng	92
46) 1,1'-Biphenyl	13.546	154	126621	4.008	ng	98
47) 2-Chloronaphthalene	13.593	162	93797	3.857	ng	98
48) 2-Nitroaniline	13.804	65	22539	3.054	ng	100
49) Acenaphthylene	14.434	152	130388	3.371	ng	99
50) Dimethylphthalate	14.163	163	116585	3.601	ng	100
51) 2,6-Dinitrotoluene	14.287	165	21681	3.180	ng	92
52) Acenaphthene	14.775	154	84750	3.640	ng	99
53) 3-Nitroaniline	14.628	138	18938m	2.834	ng	
54) 2,4-Dinitrophenol	14.840	184	7400	4.486	ng	93
55) Dibenzofuran	15.110	168	143495	3.781	ng	97
56) 4-Nitrophenol	14.940	139	11918	2.190	ng	90
57) 2,4-Dinitrotoluene	15.081	165	26853	2.946	ng	# 98
58) Fluorene	15.763	166	115919	3.846	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.340	232	29810	3.118	ng	94
60) Diethylphthalate	15.522	149	113598	3.553	ng	98
61) 4-Chlorophenyl-phenyle...	15.751	204	62124	3.636	ng	97
62) 4-Nitroaniline	15.787	138	17575	2.641	ng	88
63) Azobenzene	16.045	77	106309	3.594	ng	96
65) 4,6-Dinitro-2-methylph...	15.845	198	13590	2.141	ng	95
66) n-Nitrosodiphenylamine	15.969	169	96148	3.551	ng	99
67) 4-Bromophenyl-phenylether	16.651	248	36979	3.262	ng	95
68) Hexachlorobenzene	16.769	284	45566	3.750	ng	96
69) Atrazine	16.916	200	33966	3.573	ng	99
70) Pentachlorophenol	17.122	266	21086	2.406	ng	92
71) Phenanthrene	17.510	178	178763	3.734	ng	98
72) Anthracene	17.604	178	172281	3.522	ng	98
73) Carbazole	17.875	167	149399	3.541	ng	99
74) Di-n-butylphthalate	18.404	149	166870	3.163	ng	99
75) Fluoranthene	19.469	202	191003	3.338	ng	98
77) Benzidine	19.645	184	70539	6.795	ng	97
78) Pyrene	19.822	202	204203	3.638	ng	98
80) Butylbenzylphthalate	20.675	149	61292	2.880	ng	99
81) Benzo(a)anthracene	21.533	228	188499	3.513	ng	98
82) 3,3'-Dichlorobenzidine	21.463	252	62369	3.632	ng	98
83) Chrysene	21.586	228	186342	3.667	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	82834	2.653	ng	98
85) Di-n-octyl phthalate	22.398	149	126991	2.506	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.751	276	154985	2.957	ng	# 96
88) Benzo(b)fluoranthene	23.304	252	164128	3.695	ng	99
89) Benzo(k)fluoranthene	23.357	252	170127	3.863	ng	# 98
90) Benzo(a)pyrene	23.974	252	135067	3.188	ng	98
91) Dibenzo(a,h)anthracene	26.774	278	132300	3.036	ng	99
92) Benzo(g,h,i)perylene	27.580	276	130545	3.023	ng	# 96

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

Manual Integrations

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