

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
 Data File : BP019507.D
 Acq On : 01 Feb 2024 14:23
 Operator : MA/JU
 Sample : 03572-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 01 14:53:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	70320	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	298077	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	215500	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	495453	20.000	ng	0.00
76) Chrysene-d12	21.392	240	394526	20.000	ng	0.00
86) Perylene-d12	23.810	264	391741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	594581	136.294	ng	0.00
7) Phenol-d6	7.081	99	829893	141.085	ng	0.00
23) Nitrobenzene-d5	9.081	82	554908	80.667	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	480765	152.796	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1332594	76.445	ng	0.00
79) Terphenyl-d14	19.875	244	2315691	96.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	17894	10.646	ng	99
3) Pyridine	3.787	79	43409	9.526	ng	100
4) n-Nitrosodimethylamine	3.711	42	19434	9.796	ng	# 96
6) Aniline	7.240	93	73259	12.817	ng	98
8) 2-Chlorophenol	7.475	128	46559	10.395	ng	96
9) Benzaldehyde	7.058	77	49608	12.029	ng	99
10) Phenol	7.105	94	63207	10.781	ng	96
11) bis(2-Chloroethyl)ether	7.346	93	48270	10.583	ng	96
12) 1,3-Dichlorobenzene	7.799	146	53155	9.699	ng	99
13) 1,4-Dichlorobenzene	7.946	146	55016	9.909	ng	97
14) 1,2-Dichlorobenzene	8.258	146	53265	9.915	ng	97
15) Benzyl Alcohol	8.158	79	53531	11.390	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	49328	10.815	ng	98
17) 2-Methylphenol	8.358	107	41793	10.589	ng	98
18) Hexachloroethane	8.981	117	20348	9.455	ng	99
19) n-Nitroso-di-n-propyla...	8.728	70	46161	11.489	ng	99
20) 3+4-Methylphenols	8.687	107	57424	10.660	ng	96
22) Acetophenone	8.740	105	88365	10.406	ng	# 98
24) Nitrobenzene	9.122	77	68081	9.830	ng	99
25) Isophorone	9.646	82	127872	10.674	ng	99
26) 2-Nitrophenol	9.834	139	24303	9.203	ng	93
27) 2,4-Dimethylphenol	9.893	122	40251	11.920	ng	97
28) bis(2-Chloroethoxy)met...	10.140	93	68863	10.159	ng	98
29) 2,4-Dichlorophenol	10.357	162	50776	9.947	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	58116	9.285	ng	99
31) Naphthalene	10.763	128	158646	9.704	ng	99
32) Benzoic acid	9.969	122	28894m	8.782	ng	
33) 4-Chloroaniline	10.881	127	69288	11.460	ng	99
34) Hexachlorobutadiene	11.040	225	39498	8.516	ng	98
35) Caprolactam	11.652	113	17699	12.248	ng	95
36) 4-Chloro-3-methylphenol	11.999	107	60422	10.855	ng	99
37) 2-Methylnaphthalene	12.375	142	114689	10.137	ng	96
38) 1-Methylnaphthalene	12.593	142	114391	10.289	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	76767	9.237	ng	99
41) Hexachlorocyclopentadiene	12.704	237	38710	10.310	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	46467	9.233	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	50275	9.098	ng	99
46) 1,1'-Biphenyl	13.387	154	164939	9.590	ng	99
47) 2-Chloronaphthalene	13.428	162	128500	9.101	ng	97
48) 2-Nitroaniline	13.634	65	39459	9.995	ng	95
49) Acenaphthylene	14.269	152	207728	10.487	ng	99
50) Dimethylphthalate	14.016	163	171502	10.396	ng	99
51) 2,6-Dinitrotoluene	14.134	165	34885	9.625	ng	94
52) Acenaphthene	14.610	154	120158	9.774	ng	98
53) 3-Nitroaniline	14.463	138	34706	10.419	ng	94
54) 2,4-Dinitrophenol	14.669	184	15954	8.478	ng	# 84
55) Dibenzofuran	14.945	168	201867	10.081	ng	99
56) 4-Nitrophenol	14.763	139	27371	10.025	ng	93
57) 2,4-Dinitrotoluene	14.922	165	47674	10.037	ng	98
58) Fluorene	15.598	166	162946	10.217	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	47416	10.201	ng	100
60) Diethylphthalate	15.381	149	172227	10.496	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	88637	9.888	ng	99
62) 4-Nitroaniline	15.622	138	37230	10.663	ng	97
63) Azobenzene	15.892	77	161750	10.194	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	21839	7.730	ng	95
66) n-Nitrosodiphenylamine	15.816	169	142950	9.634	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	57814	9.334	ng	97
68) Hexachlorobenzene	16.592	284	65688	9.082	ng	97
69) Atrazine	16.775	200	57802	11.739	ng	97
70) Pentachlorophenol	16.945	266	35495	7.880	ng	90
71) Phenanthrene	17.345	178	267331	10.253	ng	100
72) Anthracene	17.434	178	265116	10.193	ng	99
73) Carbazole	17.710	167	234159	9.910	ng	99
74) Di-n-butylphthalate	18.275	149	273052	9.557	ng	99
75) Fluoranthene	19.310	202	305893	9.604	ng	99
77) Benzidine	19.498	184	152505	18.489	ng	98
78) Pyrene	19.663	202	315061	11.315	ng	99
80) Butylbenzylphthalate	20.557	149	103069	9.912	ng	99
81) Benzo(a)anthracene	21.375	228	277909	10.007	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	100384	9.919	ng	100
83) Chrysene	21.433	228	254944	9.669	ng	100
84) Bis(2-ethylhexyl)phtha...	21.328	149	138059	8.719	ng	97
85) Di-n-octyl phthalate	22.275	149	204655	7.346	ng	100
87) Indeno(1,2,3-cd)pyrene	26.339	276	286998	9.571	ng	99
88) Benzo(b)fluoranthene	23.074	252	237914	9.636	ng	99
89) Benzo(k)fluoranthene	23.127	252	225264	9.551	ng	99
90) Benzo(a)pyrene	23.704	252	206850	9.416	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	236813	9.602	ng	99
92) Benzo(g,h,i)perylene	27.110	276	232972	9.311	ng	97

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

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