

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
 Data File : BP023010.D
 Acq On : 11 Nov 2024 12:14
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL 8 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Nov 11 12:38:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	54138	20.000	ng	0.00
21) Naphthalene-d8	10.340	136	199964	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	170406	20.000	ng	0.00
64) Phenanthrene-d10	17.016	188	447113	20.000	ng	0.00
76) Chrysene-d12	21.451	240	571926	20.000	ng	-0.01
86) Perylene-d12	24.686	264	685062	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	329840	115.624	ng	0.00
7) Phenol-d6	6.787	99	473202	118.945	ng	0.00
23) Nitrobenzene-d5	8.728	82	386591	91.337	ng	-0.01
42) 2,4,6-Tribromophenol	15.734	330	456262	138.135	ng	-0.01
45) 2-Fluorobiphenyl	12.816	172	1034515	86.744	ng	0.00
79) Terphenyl-d14	19.751	244	2672146	87.745	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.176	88	10448	9.173	ng	97
3) Pyridine	3.581	79	21518	6.881	ng	97
4) n-Nitrosodimethylamine	3.487	42	11921	7.908	ng	# 99
6) Aniline	6.940	93	33568	10.122	ng	96
8) 2-Chlorophenol	7.169	128	24110	8.063	ng	94
9) Benzaldehyde	6.758	77	24985	10.867	ng	94
10) Phenol	6.811	94	31854	8.085	ng	87
11) bis(2-Chloroethyl)ether	7.028	93	24767	8.320	ng	100
12) 1,3-Dichlorobenzene	7.481	146	29182	7.647	ng	98
13) 1,4-Dichlorobenzene	7.622	146	29534	7.579	ng	95
14) 1,2-Dichlorobenzene	7.934	146	29286	7.773	ng	98
15) Benzyl Alcohol	7.846	79	20861	6.923	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.093	45	28599	8.855	ng	97
17) 2-Methylphenol	8.040	107	21034	7.865	ng	99
18) Hexachloroethane	8.640	117	11270	7.818	ng	96
19) n-Nitroso-di-n-propyla...	8.381	70	22528	8.273	ng	# 96
20) 3+4-Methylphenols	8.375	107	28076	7.511	ng	91
22) Acetophenone	8.399	105	45226	8.497	ng	# 94
24) Nitrobenzene	8.769	77	36944	8.593	ng	99
25) Isophorone	9.299	82	58663	8.189	ng	98
26) 2-Nitrophenol	9.487	139	12990	7.357	ng	93
27) 2,4-Dimethylphenol	9.546	122	16435	8.152	ng	94
28) bis(2-Chloroethoxy)met...	9.769	93	33935	8.340	ng	98
29) 2,4-Dichlorophenol	10.040	162	26475	7.587	ng	95
30) 1,2,4-Trichlorobenzene	10.210	180	36394	8.158	ng	99
31) Naphthalene	10.393	128	81436	8.128	ng	99
32) Benzoic acid	9.669	122	14328	5.919	ng	89
33) 4-Chloroaniline	10.522	127	30612	8.584	ng	98
34) Hexachlorobutadiene	10.663	225	25971	7.937	ng	94
35) Caprolactam	11.299	113	8316m	7.960	ng	
36) 4-Chloro-3-methylphenol	11.652	107	29783	7.655	ng	96
37) 2-Methylnaphthalene	12.004	142	62198	8.289	ng	95
38) 1-Methylnaphthalene	12.222	142	57721	7.750	ng	96
40) 1,2,4,5-Tetrachloroben...	12.381	216	47405	8.217	ng	98
41) Hexachlorocyclopentadiene	12.346	237	12900	7.962	ng	95
43) 2,4,6-Trichlorophenol	12.640	196	26536	7.232	ng	98

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44) 2,4,5-Trichlorophenol	12.734	196	30255	7.244	ng	97
46) 1,1'-Biphenyl	13.028	154	96376	8.508	ng	99
47) 2-Chloronaphthalene	13.069	162	74356	7.910	ng	97
48) 2-Nitroaniline	13.299	65	20312	7.416	ng	88
49) Acenaphthylene	13.934	152	112028	8.533	ng	99
50) Dimethylphthalate	13.657	163	100352	8.043	ng	99
51) 2,6-Dinitrotoluene	13.799	165	21296	7.507	ng	# 86
52) Acenaphthene	14.275	154	66331	7.857	ng	98
53) 3-Nitroaniline	14.151	138	17599	7.635	ng	# 96
54) 2,4-Dinitrophenol	14.369	184	10479m	5.953	ng	
55) Dibenzofuran	14.622	168	123445	8.326	ng	97
56) 4-Nitrophenol	14.528	139	10562	5.572	ng	91
57) 2,4-Dinitrotoluene	14.616	165	29715	7.245	ng	# 93
58) Fluorene	15.287	166	98279	7.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.875	232	33459	8.306	ng	99
60) Diethylphthalate	15.046	149	101796	8.204	ng	98
61) 4-Chlorophenyl-phenyle...	15.281	204	59972	8.261	ng	97
62) 4-Nitroaniline	15.334	138	16326	6.903	ng	94
63) Azobenzene	15.575	77	90472	8.479	ng	94
65) 4,6-Dinitro-2-methylph...	15.398	198	18643	6.854	ng	98
66) n-Nitrosodiphenylamine	15.493	169	88116	7.972	ng	98
67) 4-Bromophenyl-phenylether	16.181	248	42018	7.835	ng	90
68) Hexachlorobenzene	16.310	284	53902	7.847	ng	97
69) Atrazine	16.475	200	38917	10.445	ng	99
70) Pentachlorophenol	16.687	266	27949	6.371	ng	96
71) Phenanthrene	17.063	178	180294	8.332	ng	100
72) Anthracene	17.157	178	174571	8.406	ng	99
73) Carbazole	17.451	167	158271	7.980	ng	99
74) Di-n-butylphthalate	18.022	149	169967	7.689	ng	99
75) Fluoranthene	19.151	202	239341	7.974	ng	98
77) Benzidine	19.357	184	98379	8.706	ng	98
78) Pyrene	19.534	202	252860	7.469	ng	99
80) Butylbenzylphthalate	20.486	149	81568	7.067	ng	96
81) Benzo(a)anthracene	21.433	228	292882	8.229	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	107137	7.436	ng	97
83) Chrysene	21.498	228	278603	8.357	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	119534	7.216	ng	97
85) Di-n-octyl phthalate	22.580	149	203855	7.364	ng	99
87) Indeno(1,2,3-cd)pyrene	28.345	276	390290	8.447	ng	99
88) Benzo(b)fluoranthene	23.657	252	321968	8.000	ng	99
89) Benzo(k)fluoranthene	23.727	252	319276	8.401	ng	98
90) Benzo(a)pyrene	24.527	252	293801	8.531	ng	98
91) Dibenzo(a,h)anthracene	28.398	278	323650	8.542	ng	99
92) Benzo(g,h,i)perylene	29.492	276	294534	7.586	ng	97

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

