

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062666.D
 Acq On : 5 Sep 2024 14:29
 Operator : MA/JU
 Sample : P2403-03
 Misc : MDL-SOIL-8 ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 05 16:12:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	50572	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	206510	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	165946	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	460694	20.000	ng	0.00
76) Chrysene-d12	21.532	240	524503	20.000	ng	0.00
86) Perylene-d12	24.599	264	588455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	382408	130.706	ng	0.00
7) Phenol-d6	7.084	99	528613	125.068	ng	0.00
23) Nitrobenzene-d5	9.076	82	372232	97.075	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	353570	151.397	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	973072	94.981	ng	0.00
79) Terphenyl-d14	19.904	244	2135245	80.721	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	11482	9.421	ng	98
3) Pyridine	3.805	79	28507	8.118	ng	93
4) n-Nitrosodimethylamine	3.717	42	14235	8.338	ng	# 92
6) Aniline	7.242	93	39854	10.093	ng	94
8) 2-Chlorophenol	7.489	128	26427	8.413	ng	96
9) Benzaldehyde	7.060	77	27146	11.041	ng	93
10) Phenol	7.113	94	35002	8.180	ng	96
11) bis(2-Chloroethyl)ether	7.342	93	26896	8.210	ng	97
12) 1,3-Dichlorobenzene	7.812	146	30089	8.729	ng	97
13) 1,4-Dichlorobenzene	7.959	146	29987	8.453	ng	95
14) 1,2-Dichlorobenzene	8.277	146	28303	8.117	ng	96
15) Benzyl Alcohol	8.153	79	25797	8.249	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.435	45	49781	7.973	ng	98
17) 2-Methylphenol	8.359	107	22444	7.525	ng	97
18) Hexachloroethane	9.005	117	9804	7.371	ng	# 82
19) n-Nitroso-di-n-propyla...	8.717	70	24701	7.417	ng	# 95
20) 3+4-Methylphenols	8.688	107	32733	7.439	ng	89
22) Acetophenone	8.735	105	47657	8.554	ng	# 95
24) Nitrobenzene	9.111	77	35965	8.821	ng	99
25) Isophorone	9.634	82	66165	7.861	ng	99
26) 2-Nitrophenol	9.828	139	12824	8.325	ng	# 87
27) 2,4-Dimethylphenol	9.886	122	16584	7.347	ng	91
28) bis(2-Chloroethoxy)met...	10.116	93	38086	8.452	ng	96
29) 2,4-Dichlorophenol	10.362	162	25820	8.181	ng	95
30) 1,2,4-Trichlorobenzene	10.574	180	33126	8.854	ng	94
31) Naphthalene	10.762	128	88637	8.660	ng	95
32) Benzoic acid	9.951	122	12174m	5.015	ng	
33) 4-Chloroaniline	10.868	127	35059	8.704	ng	93
34) Hexachlorobutadiene	11.050	225	22878	8.755	ng	97
35) Caprolactam	11.614	113	9961	8.187	ng	# 81
36) 4-Chloro-3-methylphenol	11.990	107	30408	7.988	ng	98
37) 2-Methylnaphthalene	12.366	142	65451	8.244	ng	98
38) 1-Methylnaphthalene	12.589	142	63384	7.951	ng	93
40) 1,2,4,5-Tetrachloroben...	12.736	216	46266	9.271	ng	98
41) Hexachlorocyclopentadiene	12.718	237	13008	9.136	ng	98
43) 2,4,6-Trichlorophenol	12.977	196	27104	8.567	ng	90

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44) 2,4,5-Trichlorophenol	13.047	196	29616	8.266	ng	94
46) 1,1'-Biphenyl	13.376	154	98864	8.930	ng	99
47) 2-Chloronaphthalene	13.418	162	77731	8.663	ng	97
48) 2-Nitroaniline	13.617	65	20381	8.636	ng	96
49) Acenaphthylene	14.264	152	126209	9.499	ng	96
50) Dimethylphthalate	13.993	163	106686	8.792	ng	# 97
51) 2,6-Dinitrotoluene	14.111	165	20168	8.787	ng	91
52) Acenaphthene	14.604	154	72792	8.764	ng	99
53) 3-Nitroaniline	14.440	138	20256	9.121	ng	98
54) 2,4-Dinitrophenol	14.651	184	6474	5.026	ng	93
55) Dibenzofuran	14.939	168	129543	9.094	ng	97
56) 4-Nitrophenol	14.751	139	15382	8.173	ng	97
57) 2,4-Dinitrotoluene	14.898	165	27610	8.817	ng	97
58) Fluorene	15.591	166	100556	8.995	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.168	232	31693	9.338	ng	94
60) Diethylphthalate	15.362	149	105408	8.764	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	58783	9.159	ng	95
62) 4-Nitroaniline	15.597	138	21481	8.772	ng	94
63) Azobenzene	15.874	77	97165	8.604	ng	99
65) 4,6-Dinitro-2-methylph...	15.662	198	14200	6.907	ng	90
66) n-Nitrosodiphenylamine	15.797	169	91620	8.272	ng	97
67) 4-Bromophenyl-phenylether	16.479	248	40797	8.580	ng	95
68) Hexachlorobenzene	16.596	284	49219	8.741	ng	95
69) Atrazine	16.743	200	41782	11.106	ng	94
70) Pentachlorophenol	16.937	266	22732	6.303	ng	96
71) Phenanthrene	17.331	178	196376	9.132	ng	98
72) Anthracene	17.419	178	193841	9.168	ng	98
73) Carbazole	17.689	167	173268	8.915	ng	100
74) Di-n-butylphthalate	18.253	149	189519	8.646	ng	98
75) Fluoranthene	19.340	202	253112	9.307	ng	98
77) Benzidine	19.522	184	102385	10.830	ng	97
78) Pyrene	19.704	202	274287	8.227	ng	99
80) Butylbenzylphthalate	20.597	149	71762	7.328	ng	95
81) Benzo(a)anthracene	21.514	228	291525	8.812	ng	97
82) 3,3'-Dichlorobenzidine	21.432	252	97287	9.027	ng	99
83) Chrysene	21.573	228	281718	8.891	ng	98
84) Bis(2-ethylhexyl)phtha...	21.432	149	115593	7.770	ng	# 96
85) Di-n-octyl phthalate	22.589	149	187790	7.209	ng	100
87) Indeno(1,2,3-cd)pyrene	28.047	276	328789	8.714	ng	# 93
88) Benzo(b)fluoranthene	23.629	252	275271	8.469	ng	98
89) Benzo(k)fluoranthene	23.688	252	279910	8.804	ng	98
90) Benzo(a)pyrene	24.446	252	253298	8.821	ng	98
91) Dibenzo(a,h)anthracene	28.112	278	271854	8.746	ng	98
92) Benzo(g,h,i)perylene	29.134	276	257177	8.205	ng	98

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

