

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014079.D
 Acq On : 14 Mar 2023 12:15
 Operator : CG/JU
 Sample : 01627-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 15 04:03:15 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	8.069	152	173619	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	651618	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	432788	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	928668	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	790067	20.000	ng	0.00
86) Perylene-d12	24.074	264	719715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1083224	101.182	ng	0.00
7) Phenol-d6	7.222	99	1429677	101.715	ng	0.00
23) Nitrobenzene-d5	9.246	82	1114621	78.182	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	673621	95.998	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	2452056	73.404	ng	0.00
79) Terphenyl-d14	20.004	244	3597633	75.086	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	32222	6.928	ng	93
3) Pyridine	3.893	79	67780	5.248	ng	97
4) n-Nitrosodimethylamine	3.793	42	35360	6.168	ng	# 93
6) Aniline	7.393	93	120149	6.507	ng	99
8) 2-Chlorophenol	7.628	128	76357	6.659	ng	93
9) Benzaldehyde	7.205	77	76960	10.941	ng	98
10) Phenol	7.246	94	101529	6.940	ng	97
11) bis(2-Chloroethyl)ether	7.487	93	80409	6.942	ng	98
12) 1,3-Dichlorobenzene	7.958	146	89419	7.097	ng	99
13) 1,4-Dichlorobenzene	8.105	146	90362	7.089	ng	98
14) 1,2-Dichlorobenzene	8.422	146	86639	7.096	ng	98
15) Benzyl Alcohol	8.316	79	71436	6.234	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.593	45	103026	8.170	ng	96
17) 2-Methylphenol	8.510	107	63570	6.093	ng	99
18) Hexachloroethane	9.157	117	31903	6.662	ng	96
19) n-Nitroso-di-n-propyla...	8.875	70	64156	6.935	ng	# 95
20) 3+4-Methylphenols	8.840	107	83133	5.917	ng	94
22) Acetophenone	8.899	105	123383	6.750	ng	# 98
24) Nitrobenzene	9.287	77	102621	7.035	ng	98
25) Isophorone	9.810	82	169837	6.465	ng	98
26) 2-Nitrophenol	10.005	139	35862	5.652	ng	95
27) 2,4-Dimethylphenol	10.052	122	64589	6.260	ng	98
28) bis(2-Chloroethoxy)met...	10.293	93	105771	6.957	ng	99
29) 2,4-Dichlorophenol	10.540	162	66038	5.847	ng	99
30) 1,2,4-Trichlorobenzene	10.752	180	84169	6.565	ng	98
31) Naphthalene	10.940	128	243287	6.795	ng	100
32) Benzoic acid	10.140	122	21218m	5.043	ng	
33) 4-Chloroaniline	11.057	127	89254	5.815	ng	96
34) Hexachlorobutadiene	11.222	225	57931	6.214	ng	99
35) Caprolactam	11.834	113	20189m	6.245	ng	
36) 4-Chloro-3-methylphenol	12.169	107	78989	6.271	ng	100
37) 2-Methylnaphthalene	12.540	142	170493	6.454	ng	99
38) 1-Methylnaphthalene	12.757	142	160242	6.508	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	101078	6.127	ng	97
41) Hexachlorocyclopentadiene	12.881	237	58184	5.620	ng	100
43) 2,4,6-Trichlorophenol	13.146	196	59590	5.715	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	66161	5.475	ng	99
46) 1,1'-Biphenyl	13.540	154	238061	6.834	ng	96
47) 2-Chloronaphthalene	13.587	162	178981	6.674	ng	99
48) 2-Nitroaniline	13.793	65	46696	5.738	ng	98
49) Acenaphthylene	14.434	152	266429	6.247	ng	99
50) Dimethylphthalate	14.157	163	228429	6.398	ng	99
51) 2,6-Dinitrotoluene	14.281	165	44361	5.900	ng	94
52) Acenaphthene	14.775	154	168961	6.581	ng	98
53) 3-Nitroaniline	14.622	138	39759	5.396	ng	97
54) 2,4-Dinitrophenol	14.828	184	19413	6.427	ng	90
55) Dibenzofuran	15.104	168	278363	6.651	ng	98
56) 4-Nitrophenol	14.928	139	28868	4.811	ng	93
57) 2,4-Dinitrotoluene	15.069	165	56548	5.626	ng	# 96
58) Fluorene	15.757	166	218872	6.586	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	61225m	5.808	ng	
60) Diethylphthalate	15.516	149	220198	6.246	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	119850	6.362	ng	97
62) 4-Nitroaniline	15.781	138	39322m	5.359	ng	
63) Azobenzene	16.039	77	216677	6.642	ng	96
65) 4,6-Dinitro-2-methylph...	15.834	198	29829	4.336	ng	89
66) n-Nitrosodiphenylamine	15.963	169	187043	6.374	ng	99
67) 4-Bromophenyl-phenylether	16.645	248	71180	5.795	ng	94
68) Hexachlorobenzene	16.763	284	84111	6.388	ng	97
69) Atrazine	16.910	200	67971	6.597	ng	98
70) Pentachlorophenol	17.116	266	40415	4.256	ng	96
71) Phenanthrene	17.504	178	344082	6.632	ng	99
72) Anthracene	17.598	178	332254	6.268	ng	100
73) Carbazole	17.869	167	289758	6.337	ng	98
74) Di-n-butylphthalate	18.398	149	334128	5.844	ng	99
75) Fluoranthene	19.463	202	375786	6.060	ng	98
77) Benzidine	19.639	184	156753	11.065	ng	98
78) Pyrene	19.816	202	391734	6.460	ng	98
80) Butylbenzylphthalate	20.669	149	122362	5.322	ng	93
81) Benzo(a)anthracene	21.527	228	362915	6.260	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	124485	6.711	ng	98
83) Chrysene	21.580	228	348972	6.357	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	164577	4.880	ng	100
85) Di-n-octyl phthalate	22.392	149	251591	4.595	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.745	276	300731	5.408	ng	# 96
88) Benzo(b)fluoranthene	23.298	252	314729	6.678	ng	# 98
89) Benzo(k)fluoranthene	23.345	252	315506	6.752	ng	# 98
90) Benzo(a)pyrene	23.963	252	255251	5.678	ng	# 97
91) Dibenzo(a,h)anthracene	26.762	278	247434	5.352	ng	# 98
92) Benzo(g,h,i)perylene	27.557	276	244014	5.326	ng	98

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

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