

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019527.D
 Acq On : 02 Feb 2024 14:30
 Operator : MA/JU
 Sample : P1187-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Quant Time: Feb 02 14:57:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	69862	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	289431	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	196900	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	403517	20.000	ng	0.00
76) Chrysene-d12	21.386	240	294872	20.000	ng	0.00
86) Perylene-d12	23.804	264	359891	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	612049	141.218	ng	0.00
7) Phenol-d6	7.081	99	837702	143.346	ng	0.00
23) Nitrobenzene-d5	9.081	82	553423	82.854	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	414531	144.191	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1294600	81.281	ng	0.00
79) Terphenyl-d14	19.863	244	1662249	92.706	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	20335	12.178	ng	95
3) Pyridine	3.787	79	45114	9.965	ng	99
4) n-Nitrosodimethylamine	3.711	42	21596	10.957	ng	98
6) Aniline	7.246	93	75523	13.300	ng	97
8) 2-Chlorophenol	7.475	128	47987	10.784	ng	97
9) Benzaldehyde	7.058	77	50795	12.397	ng	96
10) Phenol	7.105	94	64626	11.096	ng	93
11) bis(2-Chloroethyl)ether	7.346	93	50537	11.153	ng	95
12) 1,3-Dichlorobenzene	7.799	146	56892	10.449	ng	97
13) 1,4-Dichlorobenzene	7.946	146	58265	10.562	ng	99
14) 1,2-Dichlorobenzene	8.257	146	55845	10.463	ng	98
15) Benzyl Alcohol	8.157	79	56071	12.008	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	52707	11.632	ng	97
17) 2-Methylphenol	8.357	107	43617	11.123	ng	99
18) Hexachloroethane	8.981	117	22550	10.547	ng	88
19) n-Nitroso-di-n-propyla...	8.728	70	46306	11.601	ng	98
20) 3+4-Methylphenols	8.687	107	59613	11.139	ng	95
22) Acetophenone	8.740	105	88314	10.711	ng	# 97
24) Nitrobenzene	9.122	77	69644m	10.356	ng	
25) Isophorone	9.646	82	126717	10.893	ng	97
26) 2-Nitrophenol	9.828	139	24792	9.668	ng	100
27) 2,4-Dimethylphenol	9.887	122	41068	12.525	ng	98
28) bis(2-Chloroethoxy)met...	10.140	93	70685	10.740	ng	99
29) 2,4-Dichlorophenol	10.357	162	50915	10.272	ng	95
30) 1,2,4-Trichlorobenzene	10.575	180	59857	9.849	ng	100
31) Naphthalene	10.763	128	163540	10.302	ng	98
32) Benzoic acid	9.969	122	29069m	9.099	ng	
33) 4-Chloroaniline	10.881	127	68174	11.613	ng	98
34) Hexachlorobutadiene	11.034	225	43311	9.617	ng	96
35) Caprolactam	11.651	113	15991	11.396	ng	97
36) 4-Chloro-3-methylphenol	11.998	107	58982	10.913	ng	97
37) 2-Methylnaphthalene	12.369	142	116603	10.614	ng	97
38) 1-Methylnaphthalene	12.587	142	115933	10.739	ng	98
40) 1,2,4,5-Tetrachloroben...	12.734	216	76116	10.024	ng	100
41) Hexachlorocyclopentadiene	12.704	237	40102	11.690	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	45301	9.852	ng	95

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44) 2,4,5-Trichlorophenol	13.045	196	49887	9.880	ng	98
46) 1,1'-Biphenyl	13.381	154	164167	10.446	ng	100
47) 2-Chloronaphthalene	13.422	162	127994	9.922	ng	99
48) 2-Nitroaniline	13.634	65	36001	9.980	ng	94
49) Acenaphthylene	14.263	152	204925	11.323	ng	99
50) Dimethylphthalate	14.010	163	159469	10.580	ng	99
51) 2,6-Dinitrotoluene	14.134	165	32068	9.683	ng	99
52) Acenaphthene	14.604	154	115010	10.239	ng	100
53) 3-Nitroaniline	14.457	138	31233	10.262	ng	96
54) 2,4-Dinitrophenol	14.663	184	13741	7.991	ng	95
55) Dibenzofuran	14.945	168	193216	10.561	ng	97
56) 4-Nitrophenol	14.757	139	22984	9.214	ng	98
57) 2,4-Dinitrotoluene	14.916	165	40569	9.348	ng	99
58) Fluorene	15.592	166	152048	10.434	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.163	232	44458	10.468	ng	98
60) Diethylphthalate	15.381	149	152703	10.185	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	84510	10.319	ng	100
62) 4-Nitroaniline	15.616	138	29469	9.238	ng	98
63) Azobenzene	15.886	77	147908	10.202	ng	99
65) 4,6-Dinitro-2-methylph...	15.675	198	19209	8.349	ng	93
66) n-Nitrosodiphenylamine	15.810	169	130624	10.809	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	51992	10.307	ng	98
68) Hexachlorobenzene	16.586	284	58815	9.984	ng	99
69) Atrazine	16.769	200	46496	11.594	ng	97
70) Pentachlorophenol	16.939	266	29989	8.175	ng	95
71) Phenanthrene	17.339	178	226705	10.676	ng	99
72) Anthracene	17.433	178	226246	10.680	ng	99
73) Carbazole	17.704	167	190171	9.882	ng	99
74) Di-n-butylphthalate	18.275	149	206319	8.867	ng	100
75) Fluoranthene	19.304	202	238442	9.191	ng	99
77) Benzidine	19.498	184	108127	17.539	ng	98
78) Pyrene	19.657	202	244725	11.760	ng	99
80) Butylbenzylphthalate	20.551	149	70057	9.014	ng	100
81) Benzo(a)anthracene	21.374	228	217889	10.497	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	80332	10.621	ng	99
83) Chrysene	21.421	228	202168	10.259	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	102091	8.627	ng	98
85) Di-n-octyl phthalate	22.263	149	168263	8.081	ng	100
87) Indeno(1,2,3-cd)pyrene	26.327	276	303282	11.009	ng	99
88) Benzo(b)fluoranthene	23.068	252	225497	9.942	ng	98
89) Benzo(k)fluoranthene	23.116	252	209269	9.658	ng	99
90) Benzo(a)pyrene	23.698	252	202040	10.011	ng	99
91) Dibenzo(a,h)anthracene	26.357	278	252712	11.154	ng	98
92) Benzo(g,h,i)perylene	27.098	276	249099	10.837	ng	99

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

