

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020063.D
 Acq On : 21 Apr 2024 05:36
 Operator : MA/JU
 Sample : P2104-06MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 22 01:17:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	163620	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	652949	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	372440	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	690849	20.000	ng/u1	0.00
79) Chrysene-d12	21.669	240	587634	20.000	ng/u1	0.01
88) Perylene-d12	25.068	264	662211	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	16417	4.111	ng/uL	0.00
4) Pyridine-d5	3.640	84	44286	3.768	ng/u1	0.00
7) Phenol-d5	6.846	99	2450m	0.172	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.993	67	196876	19.752	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	4418m	0.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	11372	1.021	ng/u1	0.01
21) Nitrobenzene-d5	8.799	128	98989	21.076	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	108304	21.332	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	3158m	0.314	ng/u1	0.04
31) 4-Chloroaniline-d4	10.581	131	6747	0.502	ng/u1	0.01
46) Dimethylphthalate-d6	13.734	166	594727	23.365	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	4469	0.147	ng/u1	0.01
54) 4-Nitrophenol-d4	14.575	143	33452	8.634	ng/u1	0.02
60) Fluorene-d10	15.345	176	53884	2.378	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	60971	15.107	ng/u1	0.00
73) Anthracene-d10	17.163	188	690849	22.321	ng/u1	-0.10
81) Pyrene-d10	19.663	212	4335	0.137	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.827	264	2101	0.065	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	31093	6.927	ng/uL	95
5) Pyridine	3.658	79	53504	4.396	ng/u1	96
6) Benzaldehyde	6.805	77	231390	27.143	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	292733	23.857	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.158	45	425829	23.744	ng/u1	98
16) Acetophenone	8.463	105	454261	23.806	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	263718	23.660	ng/u1	93
18) 4-Methylphenol	8.422	108	12668	1.081	ng/u1	95
22) Nitrobenzene	8.840	77	358502	23.422	ng/u1	99
23) Isophorone	9.357	82	693742	24.420	ng/u1	98
25) 2-Nitrophenol	9.546	139	133831	24.748	ng/u1	94
26) 2,4-Dimethylphenol	9.610	107	26881	2.078	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.846	93	394398	24.759	ng/u1	99
32) 4-Chloroaniline	10.604	127	55840	4.186	ng/u1	99
34) Caprolactam	11.387	113	75245	24.481	ng/u1	94
43) 1,1'-Biphenyl	13.128	154	165201	6.187	ng/u1	99
45) 2-Nitroaniline	13.398	65	117315	16.928	ng/u1	97
47) Dimethylphthalate	13.781	163	699950	26.780	ng/u1	100
48) 2,6-Dinitrotoluene	13.910	165	138316	28.044	ng/u1	95
51) 3-Nitroaniline	14.251	138	94951	20.340	ng/u1	98
53) 2,4-Dinitrophenol	14.475	184	44388	14.967	ng/u1	92
55) 4-Nitrophenol	14.587	109	44845	10.159	ng/u1	94
57) 2,4-Dinitrotoluene	14.728	165	189664	27.165	ng/u1#	69
59) Diethylphthalate	15.187	149	673288	25.653	ng/u1	98

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61) Fluorene	15.398	166	54960	2.137	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	116741	8.356	ng/ul	98
63) 4-Nitroaniline	15.445	138	112823	27.221	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.504	198	79600	18.976	ng/ul	97
67) N-Nitrosodiphenylamine	15.628	169	249103	13.035	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	52322	6.906	ng/ul	97
70) Atrazine	16.628	200	203347	28.977	ng/ul	97
78) Di-n-butylphthalate	18.198	149	1075786	28.443	ng/ul	99
83) Butylbenzylphthalate	20.680	149	459323	31.187	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.580	252	87842	6.760	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.598	149	669385	29.482	ng/ul	98
89) Di-n-octyl phthalate	22.910	149	1169531	28.575	ng/ul	100

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

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