

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020064.D
 Acq On : 21 Apr 2024 06:19
 Operator : MA/JU
 Sample : P2104-07MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA7MSD

Quant Time: Apr 22 01:29:16 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	132199	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	472796	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	314058	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	682744	20.000	ng/u1	0.02
79) Chrysene-d12	21.680	240	607703	20.000	ng/u1	0.02
88) Perylene-d12	25.080	264	686586	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	14661	4.544	ng/uL	0.00
4) Pyridine-d5	3.646	84	39751	4.186	ng/u1	0.01
7) Phenol-d5	6.852	99	1468	0.127	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.993	67	148483	18.438	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	3102	0.394	ng/u1	0.01
15) 4-Methylphenol-d8	8.358	113	7771	0.863	ng/u1	0.01
21) Nitrobenzene-d5	8.805	128	70533	20.739	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	75231	20.464	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	2184m	0.299	ng/u1	0.04
31) 4-Chloroaniline-d4	10.581	131	5630m	0.578	ng/u1	0.01
46) Dimethylphthalate-d6	13.728	166	444325	20.702	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	3146	0.123	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	34193	10.465	ng/u1	0.02
60) Fluorene-d10	15.345	176	47855	2.505	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	47180	11.829	ng/u1	0.01
73) Anthracene-d10	17.275	188	8403m	0.275	ng/u1	0.01
81) Pyrene-d10	19.686	212	3952	0.121	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.845	264	2419	0.072	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	28144	7.760	ng/uL	98
5) Pyridine	3.658	79	46976	4.777	ng/u1	97
6) Benzaldehyde	6.811	77	173484	25.188	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.087	93	219101	22.100	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.163	45	310045	21.397	ng/u1	99
16) Acetophenone	8.463	105	321833	20.875	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	186102	20.665	ng/u1	94
22) Nitrobenzene	8.846	77	250324	22.586	ng/u1	99
23) Isophorone	9.363	82	479845	23.327	ng/u1	99
25) 2-Nitrophenol	9.546	139	90776	23.182	ng/u1	96
26) 2,4-Dimethylphenol	9.616	107	16315	1.742	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	263868	22.877	ng/u1	99
32) 4-Chloroaniline	10.604	127	51284	5.309	ng/u1	97
34) Caprolactam	11.381	113	56967	25.596	ng/u1	87
43) 1,1'-Biphenyl	13.128	154	122666	5.448	ng/u1	99
45) 2-Nitroaniline	13.398	65	94413	16.156	ng/u1	95
47) Dimethylphthalate	13.781	163	535648	24.304	ng/u1	100
48) 2,6-Dinitrotoluene	13.910	165	111337	26.771	ng/u1	96
51) 3-Nitroaniline	14.245	138	82393	20.931	ng/u1	95
53) 2,4-Dinitrophenol	14.481	184	30980	12.388	ng/u1	94
55) 4-Nitrophenol	14.587	109	37781	10.149	ng/u1	96
57) 2,4-Dinitrotoluene	14.728	165	170540	28.967	ng/u1#	65
59) Diethylphthalate	15.181	149	553056	24.989	ng/u1	98
61) Fluorene	15.404	166	47974	2.212	ng/u1#	97

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62) 4-Chlorophenyl-phenyle...	15.404	204	100236	8.508	ng/ul	97
63) 4-Nitroaniline	15.457	138	104725	29.964	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.510	198	62658	15.114	ng/ul	99
67) N-Nitrosodiphenylamine	15.628	169	223188	11.818	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	48057	6.418	ng/ul	97
70) Atrazine	16.634	200	193457	27.895	ng/ul	97
78) Di-n-butylphthalate	18.210	149	1082331	28.956	ng/ul	99
83) Butylbenzylphthalate	20.686	149	472647	31.031	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.592	252	95842	7.132	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	680613	28.986	ng/ul	98
89) Di-n-octyl phthalate	22.921	149	1168306	27.532	ng/ul	100

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

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