

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031793.D
 Acq On : 05 Jun 2024 02:05
 Operator : MA/JU
 Sample : PB161200BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS200

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jun 05 02:39:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	469938	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2075589	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1205516	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2106895	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1292568	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1524621	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	72021	6.340	ng/uL	0.00
4) Pyridine-d5	3.593	84	1075420	33.632	ng/u1	0.00
7) Phenol-d5	6.858	99	1540011	38.226	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	827797	35.128	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	1215228	39.533	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	1231745	37.508	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	616331	38.836	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	665029	40.567	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	1148585	37.530	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1634112	35.962	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2993636	35.646	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3584207	37.116	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	566496	33.689	ng/u1	0.01
60) Fluorene-d10	15.322	176	2524245	35.523	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	315688	29.809	ng/u1	0.01
73) Anthracene-d10	17.175	188	3412620	37.833	ng/u1	0.00
81) Pyrene-d10	19.469	212	3046153	44.040	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2773049	38.091	ng/u1	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	146642	12.066	ng/uL	98
5) Pyridine	3.617	79	1027131	32.126	ng/u1	95
6) Benzaldehyde	6.834	77	807632	42.741	ng/u1	97
8) Phenol	6.887	94	1515870	36.972	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.116	93	1136181	33.513	ng/u1	96
12) 2-Chlorophenol	7.246	128	1183536	36.792	ng/u1	99
13) 2-Methylphenol	8.122	108	1139418	35.981	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	1206240	30.908	ng/u1	98
16) Acetophenone	8.505	105	1745452	35.071	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	828962	32.143	ng/u1	96
18) 4-Methylphenol	8.458	108	1246408	36.310	ng/u1	98
19) Hexachloroethane	8.746	117	364625	26.767	ng/u1	96
22) Nitrobenzene	8.881	77	1300168	34.386	ng/u1	98
23) Isophorone	9.410	82	2355178	30.365	ng/u1	98
25) 2-Nitrophenol	9.587	139	687335	38.376	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	1100332	31.580	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.887	93	1544011	31.941	ng/u1	100
29) 2,4-Dichlorophenol	10.116	162	1101792	36.461	ng/u1	98
30) Naphthalene	10.516	128	3647626	33.957	ng/u1	99
32) 4-Chloroaniline	10.634	127	1453585	32.949	ng/u1	100
33) Hexachlorobutadiene	10.793	225	603716	33.264	ng/u1	96
34) Caprolactam	11.422	113	380201m	32.233	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	1224227	34.659	ng/u1	99
36) 2-Methylnaphthalene	12.134	142	2489892	33.911	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.357	142	2464447	33.451	ng/ul	98	06/05/2024
39) 1,2,4,5-Tetrachloroben...	12.504	216	1224689	38.413	ng/ul	97	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.475	237	145457	7.916	ng/ul	99	
41) 2,4,6-Trichlorophenol	12.751	196	830671	38.387	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.822	196	909005	38.656	ng/ul	97	
43) 1,1'-Biphenyl	13.157	154	3129237	36.904	ng/ul	97	
44) 2-Chloronaphthalene	13.198	162	2457059	36.997	ng/ul	99	06/07/2024
45) 2-Nitroaniline	13.410	65	715413	37.161	ng/ul	92	
47) Dimethylphthalate	13.787	163	2885607	33.596	ng/ul	100	
48) 2,6-Dinitrotoluene	13.910	165	619165	36.266	ng/ul	98	
50) Acenaphthylene	14.045	152	3813390	34.942	ng/ul	99	
51) 3-Nitroaniline	14.240	138	718836	39.380	ng/ul	97	
52) Acenaphthene	14.387	153	2485470	34.419	ng/ul	99	
53) 2,4-Dinitrophenol	14.451	184	193183	22.414	ng/ul	96	
55) 4-Nitrophenol	14.557	109	398618	31.956	ng/ul	93	
56) Dibenzofuran	14.728	168	3434796	35.010	ng/ul	97	
57) 2,4-Dinitrotoluene	14.704	165	846381	33.786	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	14.951	232	688048	34.980	ng/ul	99	
59) Diethylphthalate	15.157	149	2874510	32.433	ng/ul	99	
61) Fluorene	15.375	166	2700148	34.177	ng/ul	95	
62) 4-Chlorophenyl-phenyle...	15.369	204	1277988	33.398	ng/ul	96	
63) 4-Nitroaniline	15.410	138	686371	39.499	ng/ul	98	
66) 4,6-Dinitro-2-methylph...	15.469	198	332817	29.562	ng/ul	100	
67) N-Nitrosodiphenylamine	15.587	169	2392619	41.199	ng/ul	100	
68) 4-Bromophenyl-phenylether	16.269	248	831575	40.736	ng/ul	95	
69) Hexachlorobenzene	16.375	284	841984	36.391	ng/ul	98	
70) Atrazine	16.545	200	663894	36.206	ng/ul	99	
71) Pentachlorophenol	16.722	266	514470	34.755	ng/ul	94	
72) Phenanthrene	17.116	178	3811963	35.517	ng/ul	99	
74) Anthracene	17.204	178	3786289	34.816	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.116	216	1177940	43.437	ng/uL	98	
76) Pentachlorobenzene	14.645	250	1129472	42.761	ng/uL	93	
77) Carbazole	17.481	167	3408195	36.753	ng/ul	99	
78) Di-n-butylphthalate	18.045	149	4656441	36.498	ng/ul	100	
80) Fluoranthene	19.133	202	3626530	43.871	ng/ul	99	
82) Pyrene	19.498	202	3744989	44.156	ng/ul	99	
83) Butylbenzylphthalate	20.404	149	1771465	44.223	ng/ul	92	
84) 3,3'-Dichlorobenzidine	21.216	252	958257	38.660	ng/ul	94	
85) Benzo(a)anthracene	21.292	228	3109762	35.944	ng/ul	96	
86) Bis(2-ethylhexyl)phtha...	21.216	149	2437112	41.737	ng/ul	99	
87) Chrysene	21.351	228	3016574	37.328	ng/ul	98	
89) Di-n-octyl phthalate	22.327	149	4044212	39.622	ng/ul	100	
90) Benzo(b)fluoranthene	23.321	252	3235245	35.501	ng/ul	98	
91) Benzo(k)fluoranthene	23.380	252	3096813	34.631	ng/ul	98	
93) Benzo(a)pyrene	24.116	252	2767751	32.428	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	27.568	276	3806457	38.702	ng/ul	97	
95) Dibenzo(a,h)anthracene	27.615	278	3072515m	38.264	ng/ul		
96) Benzo(g,h,i)perylene	28.609	276	2980506	38.122	ng/ul	98	

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

