

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032126.D
 Acq On : 21 Jun 2024 11:01
 Operator : MA/JU
 Sample : PB161390BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS390

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 21 11:48:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	354662	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1671803	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.287	164	1116700	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	2216059	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1336737	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1386202	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	44314	5.169	ng/uL	0.00
4) Pyridine-d5	3.564	84	650787	26.968	ng/u1	0.00
7) Phenol-d5	6.822	99	1000923	32.920	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	528845	29.736	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	866699	37.359	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	875349	35.319	ng/u1	0.01
21) Nitrobenzene-d5	8.799	128	456167	35.686	ng/u1	0.00
24) 2-Nitrophenol-d4	9.511	143	514427	38.959	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	916094	37.163	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	1260282	34.434	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	2814781	36.182	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	3133568	35.030	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	516485	33.158	ng/u1	0.01
60) Fluorene-d10	15.281	176	2285797	34.725	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	415118	37.267	ng/u1	0.00
73) Anthracene-d10	17.134	188	3387055	35.700	ng/u1	0.00
81) Pyrene-d10	19.433	212	3279270	45.844	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	2424861	36.634	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	97026	10.578	ng/uL	95
5) Pyridine	3.587	79	670053	27.769	ng/u1	95
6) Benzaldehyde	6.793	77	553259	38.796	ng/u1	95
8) Phenol	6.846	94	1042260	33.683	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.075	93	803503	31.404	ng/u1	95
12) 2-Chlorophenol	7.205	128	879330	36.220	ng/u1	96
13) 2-Methylphenol	8.087	108	828206	34.654	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.158	45	890038	30.219	ng/u1	98
16) Acetophenone	8.463	105	1310689	34.895	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.452	70	613228	31.506	ng/u1#	95
18) 4-Methylphenol	8.416	108	923898	35.662	ng/u1	99
19) Hexachloroethane	8.699	117	353456	34.381	ng/u1	93
22) Nitrobenzene	8.840	77	937378	30.779	ng/u1	92
23) Isophorone	9.363	82	1896115	30.351	ng/u1	97
25) 2-Nitrophenol	9.546	139	555177	38.484	ng/u1	92
26) 2,4-Dimethylphenol	9.605	107	820678	29.243	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.846	93	1185370	30.444	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	911737	37.458	ng/u1	98
30) Naphthalene	10.469	128	2964488	34.263	ng/u1	100
32) 4-Chloroaniline	10.593	127	1141367	32.120	ng/u1	98
33) Hexachlorobutadiene	10.740	225	538178	36.814	ng/u1	97
34) Caprolactam	11.399	113	336574m	35.426	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	1021550	35.906	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	2101807	35.539	ng/u1	96

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	2120265	35.731	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.457	216	1107310	37.494	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	281847	16.559	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	752861	37.558	ng/ul	97
42) 2,4,5-Trichlorophenol	12.787	196	829153	38.064	ng/ul	91
43) 1,1'-Biphenyl	13.116	154	2726465	34.711	ng/ul	95
44) 2-Chloronaphthalene	13.151	162	2176360	35.376	ng/ul	99
45) 2-Nitroaniline	13.375	65	592638	33.232	ng/ul#	82
47) Dimethylphthalate	13.751	163	2798884	35.178	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	613017	38.762	ng/ul	93
50) Acenaphthylene	14.004	152	3496535	34.586	ng/ul	99
51) 3-Nitroaniline	14.210	138	662021	39.152	ng/ul	89
52) Acenaphthene	14.351	153	2295267	34.314	ng/ul	99
53) 2,4-Dinitrophenol	14.422	184	289470	36.256	ng/ul	94
55) 4-Nitrophenol	14.534	109	398548	34.492	ng/ul	87
56) Dibenzofuran	14.687	168	3150413	34.666	ng/ul	96
57) 2,4-Dinitrotoluene	14.675	165	863688	37.219	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	664524	36.471	ng/ul	97
59) Diethylphthalate	15.122	149	2876406	35.036	ng/ul	98
61) Fluorene	15.340	166	2497173	34.122	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.334	204	1212400	34.203	ng/ul	96
63) 4-Nitroaniline	15.381	138	660486	41.032	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.440	198	451773	38.152	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	2310228	37.821	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	834432	38.862	ng/ul	96
69) Hexachlorobenzene	16.334	284	918734	37.753	ng/ul	98
70) Atrazine	16.510	200	649861	33.695	ng/ul	99
71) Pentachlorophenol	16.687	266	547131	35.140	ng/ul	97
72) Phenanthrene	17.081	178	3995411	35.392	ng/ul	98
74) Anthracene	17.169	178	3946580	34.502	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	1062922	37.265	ng/ul	99
76) Pentachlorobenzene	14.598	250	1097678	39.510	ng/ul	95
77) Carbazole	17.445	167	3651142	37.433	ng/ul	99
78) Di-n-butylphthalate	18.004	149	5101344	38.016	ng/ul	100
80) Fluoranthene	19.098	202	4125615	48.260	ng/ul	95
82) Pyrene	19.463	202	4029533	45.942	ng/ul	95
83) Butylbenzylphthalate	20.369	149	2030381	49.011	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.180	252	962063	37.531	ng/ul	97
85) Benzo(a)anthracene	21.251	228	3208442	35.859	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.175	149	2847732	47.157	ng/ul	99
87) Chrysene	21.310	228	2986973	35.740	ng/ul	97
89) Di-n-octyl phthalate	22.275	149	4643132	50.032	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	2992381	36.115	ng/ul	97
91) Benzo(k)fluoranthene	23.322	252	2866607	35.258	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2480886	31.969	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.468	276	3485257	38.974	ng/ul	98
95) Dibenzo(a,h)anthracene	27.510	278	2815197	38.560	ng/ul	95
96) Benzo(g,h,i)perylene	28.486	276	2712107	38.153	ng/ul	96

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

