

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
 Data File : BN030823.D
 Acq On : 10 Apr 2024 19:11
 Operator : MA/JU
 Sample : PB160124BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS124

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 10 22:11:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Apr 09 12:10:11 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	203868	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	947059	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	657962	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1441046	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1394691	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1581976	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	33275	7.652	ng/uL	0.00
4) Pyridine-d5	3.593	84	403289	30.934	ng/u1	0.00
7) Phenol-d5	6.852	99	571945	34.680	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	323033	31.713	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	447451	35.765	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	463824	33.557	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	233763	35.582	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	247912	41.250	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	483824	36.772	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	671907	31.019	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1518687	34.571	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1772495	35.093	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	311112	37.025	ng/u1	0.00
60) Fluorene-d10	15.322	176	1310839	34.100	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	236863	37.239	ng/u1	0.00
73) Anthracene-d10	17.169	188	2069022	33.323	ng/u1	0.00
81) Pyrene-d10	19.469	212	2517171	33.569	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2593026	35.573	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	46647	10.015	ng/uL	98
5) Pyridine	3.611	79	395820	30.088	ng/u1	99
6) Benzaldehyde	6.828	77	311491	40.558	ng/u1	99
8) Phenol	6.881	94	582791	33.922	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.111	93	436458	31.153	ng/u1	99
12) 2-Chlorophenol	7.246	128	456790	34.036	ng/u1	97
13) 2-Methylphenol	8.122	108	435400	32.888	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	581778	29.491	ng/u1	98
16) Acetophenone	8.499	105	693659	31.786	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	352248	32.048	ng/u1	97
18) 4-Methylphenol	8.452	108	492055	33.201	ng/u1	99
19) Hexachloroethane	8.746	117	177131	31.480	ng/u1	97
22) Nitrobenzene	8.875	77	518260	32.316	ng/u1	99
23) Isophorone	9.405	82	1028544	32.159	ng/u1	99
25) 2-Nitrophenol	9.581	139	271048	38.374	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	439491	27.995	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.887	93	636174	31.284	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	479865	35.731	ng/u1	98
30) Naphthalene	10.510	128	1542658	31.760	ng/u1	99
32) 4-Chloroaniline	10.628	127	632951	30.320	ng/u1	97
33) Hexachlorobutadiene	10.793	225	257340	30.442	ng/u1	98
34) Caprolactam	11.410	113	180325m	35.942	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	545924	36.091	ng/u1	98
36) 2-Methylnaphthalene	12.128	142	1108868	32.689	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.352	142	1126572	32.716	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.499	216	555784	32.732	ng/ul	96
40) Hexachlorocyclopentadiene	12.475	237	238742	24.758	ng/ul	99
41) 2,4,6-Trichlorophenol	12.746	196	386127	36.390	ng/ul	95
42) 2,4,5-Trichlorophenol	12.816	196	433390	36.167	ng/ul	93
43) 1,1'-Biphenyl	13.151	154	1479095	32.981	ng/ul	96
44) 2-Chloronaphthalene	13.193	162	1154495	32.702	ng/ul	99
45) 2-Nitroaniline	13.404	65	348969	37.144	ng/ul	98
47) Dimethylphthalate	13.787	163	1493957	32.922	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	309610	36.799	ng/ul	97
50) Acenaphthylene	14.046	152	1919260	32.887	ng/ul	99
51) 3-Nitroaniline	14.240	138	362930	40.641	ng/ul	96
52) Acenaphthene	14.387	153	1239753	31.878	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	143428	37.116	ng/ul	93
55) 4-Nitrophenol	14.551	109	238463	35.820	ng/ul	99
56) Dibenzofuran	14.722	168	1768265	32.709	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	470440	38.299	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.951	232	390140	39.202	ng/ul	97
59) Diethylphthalate	15.157	149	1517578	32.919	ng/ul	99
61) Fluorene	15.375	166	1400144	32.585	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	661793	31.392	ng/ul	97
63) 4-Nitroaniline	15.404	138	384576	44.297	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	252732	36.979	ng/ul	98
67) N-Nitrosodiphenylamine	15.587	169	1281515	32.654	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	443707	32.426	ng/ul	98
69) Hexachlorobenzene	16.369	284	516178	32.035	ng/ul	98
70) Atrazine	16.545	200	444792	32.699	ng/ul	97
71) Pentachlorophenol	16.722	266	343241	36.129	ng/ul	97
72) Phenanthrene	17.116	178	2430935	32.834	ng/ul	99
74) Anthracene	17.204	178	2393395	31.978	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.116	216	571818	32.299	ng/ul	94
76) Pentachlorobenzene	14.640	250	581563	32.341	ng/ul	96
77) Carbazole	17.481	167	2364798	36.028	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2859788	35.715	ng/ul	99
80) Fluoranthene	19.134	202	2951073	33.107	ng/ul	98
82) Pyrene	19.504	202	3041023	32.304	ng/ul	100
83) Butylbenzylphthalate	20.410	149	1422556	39.570	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	951475	37.128	ng/ul	95
85) Benzo(a)anthracene	21.292	228	3086157	33.156	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	1992009	37.573	ng/ul	96
87) Chrysene	21.357	228	2959773	33.689	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	3793923	37.870	ng/ul	100
90) Benzo(b)fluoranthene	23.322	252	3114469	33.452	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	3140188	33.212	ng/ul	98
93) Benzo(a)pyrene	24.110	252	2647991	30.109	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.539	276	3322745	34.950	ng/ul	98
95) Dibenzo(a,h)anthracene	27.598	278	2664918	33.297	ng/ul	96
96) Benzo(g,h,i)perylene	28.568	276	2490651	33.371	ng/ul	99

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

