

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032183.D
 Acq On : 23 Jun 2024 01:47
 Operator : MA/JU
 Sample : PB161556BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS556

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 23 02:30:22 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	367600	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1484281	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	837537	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	1431549	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1188398	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1408267	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	47347	5.329	ng/uL	0.00
4) Pyridine-d5	3.564	84	636386	25.443	ng/u1	0.00
7) Phenol-d5	6.822	99	912224	28.947	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	483720	26.242	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	799925	33.267	ng/u1	0.00
15) 4-Methylphenol-d8	8.352	113	746875	29.074	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	390919	34.446	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	443995	37.873	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	740868	33.851	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	1009122	31.055	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1943871	33.315	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2251569	33.560	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	319336	27.334	ng/u1	0.01
60) Fluorene-d10	15.275	176	1571215	31.826	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	265692	36.924	ng/u1	0.00
73) Anthracene-d10	17.128	188	2144715	34.994	ng/u1	0.00
81) Pyrene-d10	19.428	212	2150254	33.812	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2371127	35.261	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	98783	10.390	ng/uL	97
5) Pyridine	3.587	79	656427	26.247	ng/u1	95
6) Benzaldehyde	6.787	77	503298	34.050	ng/u1	95
8) Phenol	6.852	94	939790	29.303	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	740143	27.909	ng/u1	96
12) 2-Chlorophenol	7.205	128	816916	32.465	ng/u1	95
13) 2-Methylphenol	8.087	108	715826	28.898	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.158	45	795336	26.053	ng/u1	99
16) Acetophenone	8.458	105	1150817	29.561	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.446	70	525410	26.044	ng/u1#	95
18) 4-Methylphenol	8.416	108	793187	29.539	ng/u1	98
19) Hexachloroethane	8.693	117	333091	31.260	ng/u1	93
22) Nitrobenzene	8.834	77	809589	29.942	ng/u1	95
23) Isophorone	9.358	82	1527689	27.543	ng/u1	96
25) 2-Nitrophenol	9.540	139	474852	37.074	ng/u1	93
26) 2,4-Dimethylphenol	9.605	107	660152	26.495	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	986483	28.537	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	750373	34.724	ng/u1	97
30) Naphthalene	10.463	128	2480879	32.296	ng/u1	99
32) 4-Chloroaniline	10.587	127	881245	27.933	ng/u1	97
33) Hexachlorobutadiene	10.734	225	476828	36.739	ng/u1	93
34) Caprolactam	11.387	113	227916	27.020	ng/u1	82
35) 4-Chloro-3-methylphenol	11.722	107	752488	29.791	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	1691334	32.212	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	1668720	31.674	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.457	216	849023	38.330	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	228172	17.873	ng/ul	93
41) 2,4,6-Trichlorophenol	12.710	196	544874	36.242	ng/ul	100
42) 2,4,5-Trichlorophenol	12.787	196	586927	35.925	ng/ul	93
43) 1,1'-Biphenyl	13.110	154	2109598	35.810	ng/ul	96
44) 2-Chloronaphthalene	13.151	162	1626749	35.256	ng/ul	98
45) 2-Nitroaniline	13.369	65	412432	30.836	ng/ul	88
47) Dimethylphthalate	13.746	163	1932728	32.389	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	408366	34.428	ng/ul	94
50) Acenaphthylene	14.004	152	2525636	33.310	ng/ul	99
51) 3-Nitroaniline	14.204	138	432836	34.130	ng/ul	91
52) Acenaphthene	14.346	153	1670519	33.298	ng/ul	98
53) 2,4-Dinitrophenol	14.422	184	191623	32.001	ng/ul	92
55) 4-Nitrophenol	14.534	109	249745	28.818	ng/ul	86
56) Dibenzofuran	14.681	168	2245976	32.951	ng/ul	97
57) 2,4-Dinitrotoluene	14.669	165	551144	31.667	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	433547	31.725	ng/ul	99
59) Diethylphthalate	15.116	149	1872941	30.417	ng/ul	99
61) Fluorene	15.334	166	1735148	31.612	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	854655	32.148	ng/ul	95
63) 4-Nitroaniline	15.375	138	432557m	35.829	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	294264	38.469	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	1545855	39.176	ng/ul	97
68) 4-Bromophenyl-phenylether	16.228	248	535078	38.577	ng/ul	94
69) Hexachlorobenzene	16.334	284	584795	37.199	ng/ul	95
70) Atrazine	16.510	200	387995	31.142	ng/ul	99
71) Pentachlorophenol	16.687	266	324434	32.256	ng/ul	93
72) Phenanthrene	17.075	178	2542799	34.869	ng/ul	98
74) Anthracene	17.169	178	2523361	34.149	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	814880	44.225	ng/ul	98
76) Pentachlorobenzene	14.598	250	759241	42.304	ng/ul	99
77) Carbazole	17.445	167	2255605	35.799	ng/ul	99
78) Di-n-butylphthalate	18.004	149	2943715	33.959	ng/ul	99
80) Fluoranthene	19.098	202	2680389	35.268	ng/ul	96
82) Pyrene	19.463	202	2772839	35.560	ng/ul	95
83) Butylbenzylphthalate	20.369	149	1259290	34.192	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.180	252	885005	38.835	ng/ul	95
85) Benzo(a)anthracene	21.251	228	2668977	33.553	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.169	149	1783348	33.218	ng/ul	98
87) Chrysene	21.310	228	2537495	34.152	ng/ul	98
89) Di-n-octyl phthalate	22.269	149	3229736	34.257	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	2845877	33.809	ng/ul	99
91) Benzo(k)fluoranthene	23.322	252	2785438	33.723	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2415223	30.635	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.462	276	3518760	38.733	ng/ul	98
95) Dibenzo(a,h)anthracene	27.515	278	2817396	37.986	ng/ul	96
96) Benzo(g,h,i)perylene	28.492	276	2721450	37.684	ng/ul	96

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

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