

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032234.D
 Acq On : 25 Jun 2024 09:24
 Operator : MA/JU
 Sample : P2844-13MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C64MS

Quant Time: Jun 26 02:19:33 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

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

06/26/2024
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	305873	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1223840	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.275	164	708637	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1379572	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1246017	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1564504	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	28690	3.880	ng/uL	0.00
4) Pyridine-d5	3.569	84	145132	6.973	ng/u1	0.00
7) Phenol-d5	6.810	99	562181	21.439	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	305451	19.915	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	503218	25.151	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	461815	21.606	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	242567	25.922	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	264134	27.326	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	479798	26.588	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	404493	15.097	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1286023	26.050	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1474828	25.981	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	235312	23.806	ng/u1	0.00
60) Fluorene-d10	15.269	176	1095537	26.227	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	180102	25.972	ng/u1	0.00
73) Anthracene-d10	17.122	188	1705431	28.875	ng/u1	0.00
81) Pyrene-d10	19.427	212	1732240	25.979	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1382913	18.512	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	87037	11.003	ng/uL	98
5) Pyridine	3.587	79	217798	10.466	ng/u1	96
6) Benzaldehyde	6.781	77	268013	21.791	ng/u1	92
8) Phenol	6.840	94	812392	30.442	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.063	93	626630	28.397	ng/u1	94
12) 2-Chlorophenol	7.199	128	707356	33.784	ng/u1	96
13) 2-Methylphenol	8.075	108	609231	29.558	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.146	45	668220	26.306	ng/u1	98
16) Acetophenone	8.451	105	990864	30.588	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	432559	25.769	ng/u1#	96
18) 4-Methylphenol	8.404	108	675043	30.213	ng/u1	97
19) Hexachloroethane	8.687	117	231406	26.100	ng/u1	91
22) Nitrobenzene	8.828	77	681543	30.570	ng/u1	91
23) Isophorone	9.351	82	1274135	27.860	ng/u1	96
25) 2-Nitrophenol	9.534	139	393947	37.303	ng/u1	92
26) 2,4-Dimethylphenol	9.592	107	610468	29.715	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.834	93	817116	28.668	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	656513	36.845	ng/u1	97
30) Naphthalene	10.457	128	2146723	33.893	ng/u1	99
32) 4-Chloroaniline	10.581	127	538810	20.713	ng/u1	97
33) Hexachlorobutadiene	10.728	225	395211	36.930	ng/u1	96
34) Caprolactam	11.375	113	180907	26.011	ng/u1	84
35) 4-Chloro-3-methylphenol	11.716	107	682719	32.780	ng/u1	95
36) 2-Methylnaphthalene	12.075	142	1432674	33.092	ng/u1	96

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37) 1-Methylnaphthalene	12.298	142	1461258	33.639	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.445	216	722979	38.577	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	138247	12.799	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	504630	39.671	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	561602	40.628	ng/ul	95
43) 1,1'-Biphenyl	13.098	154	1835120	36.817	ng/ul	97
44) 2-Chloronaphthalene	13.139	162	1409014	36.092	ng/ul	98
45) 2-Nitroaniline	13.363	65	380246	33.601	ng/ul#	86
47) Dimethylphthalate	13.739	163	1751763	34.696	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	381395	38.003	ng/ul	94
50) Acenaphthylene	13.992	152	2265563	35.315	ng/ul	100
51) 3-Nitroaniline	14.198	138	377297	35.162	ng/ul	95
52) Acenaphthene	14.339	153	1556456	36.668	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	172586	34.064	ng/ul	93
55) 4-Nitrophenol	14.522	109	279556	38.125	ng/ul	88
56) Dibenzofuran	14.675	168	2121251	36.782	ng/ul	96
57) 2,4-Dinitrotoluene	14.663	165	546654	37.122	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	449356	38.863	ng/ul	99
59) Diethylphthalate	15.110	149	1802664	34.601	ng/ul	98
61) Fluorene	15.327	166	1730698	37.267	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	805266	35.799	ng/ul	96
63) 4-Nitroaniline	15.369	138	428453m	41.945	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.427	198	275395	37.359	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	1505575	39.593	ng/ul	97
68) 4-Bromophenyl-phenylether	16.222	248	534724	40.004	ng/ul	95
69) Hexachlorobenzene	16.327	284	504980	33.333	ng/ul	94
70) Atrazine	16.498	200	425868	35.470	ng/ul	99
71) Pentachlorophenol	16.680	266	362946	37.445	ng/ul	96
72) Phenanthrene	17.069	178	4383181	62.370	ng/ul	99
74) Anthracene	17.163	178	3007345	42.232	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	736662	41.486	ng/ul	97
76) Pentachlorobenzene	14.592	250	611144	35.335	ng/ul	97
77) Carbazole	17.439	167	2536974	41.781	ng/ul	99
78) Di-n-butylphthalate	17.998	149	3249132	38.894	ng/ul	100
80) Fluoranthene	19.098	202	6253470	78.477	ng/ul	95
82) Pyrene	19.457	202	4843282	59.240	ng/ul	96
83) Butylbenzylphthalate	20.363	149	1575610	40.803	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.180	252	663003	27.748	ng/ul	98
85) Benzo(a)anthracene	21.251	228	4709064	56.463	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.168	149	2452344	43.566	ng/ul	98
87) Chrysene	21.310	228	4559392	58.527	ng/ul	98
89) Di-n-octyl phthalate	22.268	149	4102862	39.172	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	5235941	55.991	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	4099985	44.680	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2339750	26.714	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.462	276	3739032	37.047	ng/ul	98
95) Dibenzo(a,h)anthracene	27.521	278	3599786	43.688	ng/ul	95
96) Benzo(g,h,i)perylene	28.480	276	413150	5.150	ng/ul	95

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

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