

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030628.D
 Acq On : 03 Apr 2024 14:50
 Operator : MA/JU
 Sample : P1933-06MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

EZZZ5MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/06/2024

04/03/2024

Supervised By :mohammad
 ahmed

04/05/2024

Quant Time: Apr 03 16:02:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	227537	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	998889	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	649691	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1369083	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1239822	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1253048	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	19949	4.111	ng/uL	0.00
4) Pyridine-d5	3.599	84	253066	17.392	ng/u1	0.00
7) Phenol-d5	6.858	99	439445	23.874	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	267365	23.517	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	356777	25.551	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	311652	20.202	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	179167	25.857	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	180437	28.465	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	367253	26.464	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	458460	20.067	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1125903	25.956	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1319785	26.463	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	197514	23.805	ng/u1	0.00
60) Fluorene-d10	15.334	176	996200	26.245	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	143175	23.693	ng/u1	0.00
73) Anthracene-d10	17.181	188	1496499	25.369	ng/u1	0.00
81) Pyrene-d10	19.486	212	1880117	28.205	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	1650867	28.593	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	51747	9.954	ng/uL	98
5) Pyridine	3.617	79	306707	20.889	ng/u1	98
6) Benzaldehyde	6.840	77	272416	31.780	ng/u1	98
8) Phenol	6.887	94	521673	27.206	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	420339	26.882	ng/u1	99
12) 2-Chlorophenol	7.258	128	420702	28.086	ng/u1	98
13) 2-Methylphenol	8.134	108	348922	23.614	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	569866	25.882	ng/u1	99
16) Acetophenone	8.516	105	655934	26.930	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	320479	26.125	ng/u1	98
18) 4-Methylphenol	8.458	108	399425	24.147	ng/u1	100
19) Hexachloroethane	8.763	117	171612	27.327	ng/u1	98
22) Nitrobenzene	8.893	77	477360	28.221	ng/u1	99
23) Isophorone	9.416	82	935608	27.735	ng/u1	100
25) 2-Nitrophenol	9.599	139	227868	30.587	ng/u1	99
26) 2,4-Dimethylphenol	9.657	107	122226	7.382	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.899	93	575481	26.831	ng/u1	97
29) 2,4-Dichlorophenol	10.122	162	403700	28.500	ng/u1	99
30) Naphthalene	10.528	128	1435699	28.024	ng/u1	100
32) 4-Chloroaniline	10.640	127	485094	22.032	ng/u1	99
33) Hexachlorobutadiene	10.804	225	247308	27.738	ng/u1	98
34) Caprolactam	11.416	113	142651m	26.957	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	439013	27.517	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	981464	27.432	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	972233	26.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	508268	30.314	ng/ul	99
40) Hexachlorocyclopentadiene	12.493	237	143702	15.092	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	326320	31.145	ng/ul	100
42) 2,4,5-Trichlorophenol	12.828	196	358226	30.275	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	1284025	28.996	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	1010032	28.974	ng/ul	100
45) 2-Nitroaniline	13.416	65	285951	30.823	ng/ul	98
47) Dimethylphthalate	13.798	163	1273058	28.411	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	261312	31.454	ng/ul	96
50) Acenaphthylene	14.057	152	1694685	29.409	ng/ul	99
51) 3-Nitroaniline	14.245	138	260118	29.499	ng/ul	95
52) Acenaphthene	14.398	153	1107574	28.842	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	100023	26.213	ng/ul	99
55) 4-Nitrophenol	14.557	109	188084	28.612	ng/ul	97
56) Dibenzofuran	14.740	168	1525994	28.587	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	386309	31.850	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	300868	30.617	ng/ul	98
59) Diethylphthalate	15.175	149	1319726	28.992	ng/ul	99
61) Fluorene	15.387	166	1236589	29.145	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	592579	28.467	ng/ul	99
63) 4-Nitroaniline	15.410	138	279372	32.589	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.463	198	186608	28.739	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	1065808	28.585	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	388399	29.876	ng/ul	98
69) Hexachlorobenzene	16.387	284	442121	28.881	ng/ul	98
70) Atrazine	16.557	200	360249	27.876	ng/ul	95
71) Pentachlorophenol	16.734	266	249956	27.693	ng/ul	98
72) Phenanthrene	17.128	178	2159802	30.705	ng/ul	100
74) Anthracene	17.216	178	2046417	28.779	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	495049	29.433	ng/ul	97
76) Pentachlorobenzene	14.651	250	475583	27.838	ng/ul	93
77) Carbazole	17.492	167	1953430	31.325	ng/ul	99
78) Di-n-butylphthalate	18.063	149	2530222	33.260	ng/ul	100
80) Fluoranthene	19.151	202	2725776	34.399	ng/ul	100
82) Pyrene	19.516	202	2746852	32.824	ng/ul	99
83) Butylbenzylphthalate	20.427	149	1166064	36.487	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	595038	26.120	ng/ul	98
85) Benzo(a)anthracene	21.310	228	2630630	31.793	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	1719078	36.476	ng/ul	98
87) Chrysene	21.369	228	2532233	32.423	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3062801	38.598	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2412367	32.713	ng/ul	98
91) Benzo(k)fluoranthene	23.404	252	2434146	32.502	ng/ul	98
93) Benzo(a)pyrene	24.133	252	2191851	31.464	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.574	276	2302939	30.582	ng/ul	97
95) Dibenzo(a,h)anthracene	27.645	278	1894206	29.880	ng/ul	98
96) Benzo(g,h,i)perylene	28.604	276	1738123	29.401	ng/ul	97

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

