

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031920.D
 Acq On : 11 Jun 2024 21:37
 Operator : MA/JU
 Sample : P2642-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A4C18MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 11 22:50:27 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 11 22:28:10 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	318378	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1481932	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	985452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	2042079	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1509912	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1432453	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	42632	5.540	ng/uL	0.00
4) Pyridine-d5	3.581	84	438618m	20.247	ng/u1	0.00
7) Phenol-d5	6.840	99	921671	33.768	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	519936	32.567	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	733243	35.208	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	761064	34.207	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	390328	34.448	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	428074	36.573	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	773195	35.385	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	886595	27.327	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2464355	35.896	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2712889	34.367	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	489049	35.578	ng/u1	0.00
60) Fluorene-d10	15.304	176	1996365	34.368	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	421596	41.073	ng/u1	0.00
73) Anthracene-d10	17.157	188	3062788	35.033	ng/u1	0.00
81) Pyrene-d10	19.457	212	3317872	41.063	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2009486	29.378	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.211	88	96554	11.726	ng/uL	98
5) Pyridine	3.605	79	519241m	23.972	ng/u1	
6) Benzaldehyde	6.816	77	494864	38.656	ng/u1	96
8) Phenol	6.863	94	1022542	36.812	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.099	93	770740	33.556	ng/u1	98
12) 2-Chlorophenol	7.228	128	786050	36.068	ng/u1	98
13) 2-Methylphenol	8.104	108	765257	35.670	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	914635	34.593	ng/u1	99
16) Acetophenone	8.487	105	1276757	37.866	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.475	70	609992	34.912	ng/u1	96
18) 4-Methylphenol	8.434	108	858429	36.912	ng/u1	99
19) Hexachloroethane	8.728	117	270944	29.359	ng/u1	93
22) Nitrobenzene	8.863	77	911796	33.775	ng/u1	97
23) Isophorone	9.387	82	1861875	33.621	ng/u1	99
25) 2-Nitrophenol	9.569	139	491465	38.432	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	635398	25.542	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.869	93	1117733	32.385	ng/u1	98
29) 2,4-Dichlorophenol	10.099	162	802464	37.193	ng/u1	97
30) Naphthalene	10.493	128	2662563	34.716	ng/u1	99
32) 4-Chloroaniline	10.616	127	857852	27.235	ng/u1	97
33) Hexachlorobutadiene	10.769	225	443694	34.240	ng/u1	97
34) Caprolactam	11.410	113	326372m	38.754	ng/u1	
35) 4-Chloro-3-methylphenol	11.745	107	957232	37.957	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1883461	35.928	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1892309	35.975	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.481	216	929176	35.653	ng/ul	90
40) Hexachlorocyclopentadiene	12.457	237	322675	21.482	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	680686	38.480	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	739269	38.458	ng/ul	92
43) 1,1'-Biphenyl	13.134	154	2454073	35.405	ng/ul	96
44) 2-Chloronaphthalene	13.175	162	1896674	34.936	ng/ul	98
45) 2-Nitroaniline	13.392	65	609224	38.712	ng/ul	93
47) Dimethylphthalate	13.775	163	2515002	35.820	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	557344	39.935	ng/ul	94
50) Acenaphthylene	14.028	152	3082304	34.550	ng/ul	98
51) 3-Nitroaniline	14.228	138	571493	38.299	ng/ul	96
52) Acenaphthene	14.369	153	2135211	36.172	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	318092	45.147	ng/ul	99
55) 4-Nitrophenol	14.545	109	414911	40.690	ng/ul	94
56) Dibenzofuran	14.710	168	2949997	36.783	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	812403	39.672	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.934	232	628712	39.101	ng/ul	98
59) Diethylphthalate	15.139	149	2643659	36.490	ng/ul	100
61) Fluorene	15.357	166	2376064	36.791	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.357	204	1122197	35.875	ng/ul	99
63) 4-Nitroaniline	15.392	138	625956	44.066	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.451	198	494187	45.289	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	2117335	37.616	ng/ul	97
68) 4-Bromophenyl-phenylether	16.251	248	746635	37.736	ng/ul	92
69) Hexachlorobenzene	16.357	284	781915	34.868	ng/ul	94
70) Atrazine	16.533	200	615930	34.657	ng/ul	94
71) Pentachlorophenol	16.704	266	533299	37.170	ng/ul	96
72) Phenanthrene	17.098	178	4980978	47.882	ng/ul	99
74) Anthracene	17.186	178	4011320	38.055	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	949288	36.116	ng/ul	93
76) Pentachlorobenzene	14.622	250	959428	37.476	ng/ul	98
77) Carbazole	17.463	167	3633964	40.431	ng/ul	99
78) Di-n-butylphthalate	18.028	149	4982744	40.296	ng/ul	100
80) Fluoranthene	19.122	202	6203261	64.241	ng/ul	98
82) Pyrene	19.486	202	5455560	55.066	ng/ul	96
83) Butylbenzylphthalate	20.392	149	2157951	46.116	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.204	252	905772	31.283	ng/ul	99
85) Benzo(a)anthracene	21.274	228	4612285	45.637	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.204	149	3182046	46.650	ng/ul	96
87) Chrysene	21.339	228	4345870	46.036	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	4717148	49.188	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	4133615	48.278	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	3645120	43.385	ng/ul	99
93) Benzo(a)pyrene	24.080	252	2251583	28.077	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.509	276	3397904	36.771	ng/ul	100
95) Dibenzo(a,h)anthracene	27.574	278	3094036	41.011	ng/ul	96
96) Benzo(g,h,i)perylene	28.527	276	367123	4.998	ng/ul	94

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

