

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
 Data File : BN032006.D
 Acq On : 14 Jun 2024 18:29
 Operator : MA/JU
 Sample : P2695-26MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A4BN3MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 22:38:09 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	7.652	152	297671	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1268816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	738775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1438164	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1233542	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1524183	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	40793	5.669	ng/uL	0.00
4) Pyridine-d5	3.581	84	281840	13.915	ng/u1	0.00
7) Phenol-d5	6.834	99	792294	31.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	455598	30.523	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	661623	33.979	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	607640	29.211	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	324908	33.491	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	346105	34.537	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	616852	32.971	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	718045	25.849	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1683188	32.704	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1968695	33.266	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	310775	30.158	ng/u1	0.00
60) Fluorene-d10	15.298	176	1405248	32.269	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	253541	35.073	ng/u1	0.00
73) Anthracene-d10	17.151	188	2054510	33.368	ng/u1	0.00
81) Pyrene-d10	19.451	212	2047181	31.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1586883	21.804	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	102559	13.322	ng/uL	99
5) Pyridine	3.599	79	360941	17.823	ng/u1	97
6) Benzaldehyde	6.810	77	506259	42.297	ng/u1	96
8) Phenol	6.863	94	932005	35.887	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.093	93	724753	33.749	ng/u1	99
12) 2-Chlorophenol	7.222	128	747305	36.676	ng/u1	99
13) 2-Methylphenol	8.099	108	667699	33.287	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.175	45	832491	33.676	ng/u1	99
16) Acetophenone	8.481	105	1115150	35.374	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	524871	32.130	ng/u1	97
18) 4-Methylphenol	8.434	108	744818	34.254	ng/u1	97
19) Hexachloroethane	8.716	117	237922	27.574	ng/u1	95
22) Nitrobenzene	8.857	77	812202	35.139	ng/u1	97
23) Isophorone	9.381	82	1539920	32.478	ng/u1	98
25) 2-Nitrophenol	9.563	139	425759	38.886	ng/u1	96
26) 2,4-Dimethylphenol	9.622	107	432400	20.301	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	965208	32.663	ng/u1	98
29) 2,4-Dichlorophenol	10.093	162	690665	37.388	ng/u1	97
30) Naphthalene	10.487	128	2284831	34.795	ng/u1	99
32) 4-Chloroaniline	10.610	127	735780	27.283	ng/u1	99
33) Hexachlorobutadiene	10.757	225	408284	36.799	ng/u1	98
34) Caprolactam	11.398	113	238966	33.141	ng/u1	95
35) 4-Chloro-3-methylphenol	11.740	107	745460	34.524	ng/u1	97
36) 2-Methylnaphthalene	12.104	142	1574314	35.075	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1545190	34.310	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.475	216	773002	39.564	ng/ul	100
40) Hexachlorocyclopentadiene	12.445	237	241155	21.416	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	536125	40.427	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	579880	40.239	ng/ul	97
43) 1,1'-Biphenyl	13.128	154	1992875	38.351	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	1535267	37.722	ng/ul	98
45) 2-Nitroaniline	13.387	65	462827	39.230	ng/ul	94
47) Dimethylphthalate	13.763	163	1921721	36.510	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	413267	39.499	ng/ul	99
50) Acenaphthylene	14.022	152	2430048	36.334	ng/ul	100
51) 3-Nitroaniline	14.222	138	430057	38.444	ng/ul	97
52) Acenaphthene	14.363	153	1609705	36.375	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	211325	40.009	ng/ul	97
55) 4-Nitrophenol	14.539	109	288017	37.677	ng/ul	96
56) Dibenzofuran	14.704	168	2210214	36.761	ng/ul	97
57) 2,4-Dinitrotoluene	14.681	165	594549	38.728	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	467575	38.789	ng/ul	99
59) Diethylphthalate	15.134	149	1966980	36.215	ng/ul	99
61) Fluorene	15.357	166	1766025	36.476	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.351	204	858120	36.593	ng/ul	95
63) 4-Nitroaniline	15.386	138	461186m	43.307	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.445	198	331979	43.200	ng/ul	95
67) N-Nitrosodiphenylamine	15.569	169	1557230	39.283	ng/ul	96
68) 4-Bromophenyl-phenylether	16.245	248	560942	40.255	ng/ul	95
69) Hexachlorobenzene	16.351	284	500495	31.691	ng/ul	95
70) Atrazine	16.528	200	439322	35.100	ng/ul	98
71) Pentachlorophenol	16.704	266	366175	36.239	ng/ul	97
72) Phenanthrene	17.092	178	3033616	41.408	ng/ul	99
74) Anthracene	17.186	178	2735271	36.846	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.092	216	743848	40.184	ng/ul	98
76) Pentachlorobenzene	14.616	250	697584	38.690	ng/ul	97
77) Carbazole	17.463	167	2392575	37.798	ng/ul	99
78) Di-n-butylphthalate	18.022	149	3423068	39.307	ng/ul	100
80) Fluoranthene	19.116	202	3694503	46.832	ng/ul	99
82) Pyrene	19.480	202	2986310	36.896	ng/ul	96
83) Butylbenzylphthalate	20.386	149	1560199	40.812	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.204	252	860993	36.398	ng/ul	99
85) Benzo(a)anthracene	21.274	228	3396277	41.134	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	2278880	40.894	ng/ul	98
87) Chrysene	21.333	228	3343961	43.359	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	3982427	39.028	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	3765532	41.332	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	3486812	39.004	ng/ul	99
93) Benzo(a)pyrene	24.086	252	1600508	18.757	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.515	276	3083612	31.361	ng/ul	98
95) Dibenzo(a,h)anthracene	27.580	278	3426051m	42.679	ng/ul	
96) Benzo(g,h,i)perylene	28.527	276	286175	3.661	ng/ul	97

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

