

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061724\
 Data File : BN032034.D
 Acq On : 17 Jun 2024 15:31
 Operator : MA/JU
 Sample : P2696-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A4BN7MSD

Manual Integrations

APPROVED

 Reviewed By :Jagrut
 Upadhyay

Quant Time: Jun 17 23:04:58 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	248938	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1123735	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	707633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1287856	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	767751	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	924869	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	30134	5.008	ng/uL	0.00
4) Pyridine-d5	3.581	84	215170	12.703	ng/u1	0.00
7) Phenol-d5	6.834	99	667387	31.273	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	362584	29.046	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	577167	35.445	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	546303	31.404	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	302560	35.214	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	338082	38.092	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	616874	37.229	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	560997	22.803	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1756382	35.628	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1998493	35.256	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	265940	26.943	ng/u1	0.00
60) Fluorene-d10	15.292	176	1450016	34.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	242703	37.492	ng/u1	0.00
73) Anthracene-d10	17.151	188	1945795	35.291	ng/u1	0.00
81) Pyrene-d10	19.451	212	1595578	38.837	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1023403	23.173	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	82313	12.785	ng/uL	98
5) Pyridine	3.599	79	302177	17.842	ng/u1	97
6) Benzaldehyde	6.805	77	297732	29.744	ng/u1	93
8) Phenol	6.857	94	933099	42.962	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.087	93	691375	38.497	ng/u1	96
12) 2-Chlorophenol	7.222	128	758573	44.517	ng/u1	94
13) 2-Methylphenol	8.099	108	719034	42.864	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.175	45	764216	36.966	ng/u1	98
16) Acetophenone	8.481	105	1140293	43.252	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.463	70	522012	38.210	ng/u1#	96
18) 4-Methylphenol	8.434	108	795766	43.762	ng/u1	99
19) Hexachloroethane	8.716	117	233523	32.362	ng/u1	90
22) Nitrobenzene	8.857	77	790267	38.604	ng/u1	92
23) Isophorone	9.381	82	1608796	38.311	ng/u1	95
25) 2-Nitrophenol	9.557	139	461859	47.630	ng/u1	93
26) 2,4-Dimethylphenol	9.622	107	686450	36.390	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.857	93	984741	37.627	ng/u1	99
29) 2,4-Dichlorophenol	10.093	162	771496	47.156	ng/u1	98
30) Naphthalene	10.487	128	2480266	42.647	ng/u1	100
32) 4-Chloroaniline	10.604	127	691854	28.966	ng/u1	97
33) Hexachlorobutadiene	10.757	225	449614	45.757	ng/u1	94
34) Caprolactam	11.410	113	227373m	35.605	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	844223	44.146	ng/u1	97
36) 2-Methylnaphthalene	12.104	142	1736561	43.684	ng/u1	100

06/18/2024

Supervised By :mohammad
Jagrut

06/19/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.328	142	1787829	44.823	ng/ul	98	06/18/2024
39) 1,2,4,5-Tetrachloroben...	12.475	216	879939	47.019	ng/ul	98	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.445	237	243649	22.589	ng/ul	99	ahmed
41) 2,4,6-Trichlorophenol	12.722	196	626365	49.311	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.798	196	686755	49.752	ng/ul	99	
43) 1,1'-Biphenyl	13.128	154	2212811	44.458	ng/ul	96	
44) 2-Chloronaphthalene	13.169	162	1729188	44.356	ng/ul	99	06/19/2024
45) 2-Nitroaniline	13.387	65	476448	42.162	ng/ul	86	
47) Dimethylphthalate	13.763	163	2204116	43.717	ng/ul	100	
48) 2,6-Dinitrotoluene	13.892	165	480445	47.941	ng/ul	95	
50) Acenaphthylene	14.022	152	2748782	42.908	ng/ul	100	
51) 3-Nitroaniline	14.222	138	466895	43.574	ng/ul	90	
52) Acenaphthene	14.363	153	1841242	43.438	ng/ul	100	
53) 2,4-Dinitrophenol	14.434	184	226316	44.733	ng/ul	91	
55) 4-Nitrophenol	14.539	109	305437	41.714	ng/ul	88	
56) Dibenzofuran	14.698	168	2509609	43.578	ng/ul	99	
57) 2,4-Dinitrotoluene	14.681	165	659848	44.873	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	14.934	232	536456	46.462	ng/ul	95	
59) Diethylphthalate	15.134	149	2209518	42.471	ng/ul	99	
61) Fluorene	15.351	166	1932583	41.673	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.345	204	937536	41.739	ng/ul	94	
63) 4-Nitroaniline	15.392	138	476936m	46.757	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.445	198	346270	50.318	ng/ul	96	
67) N-Nitrosodiphenylamine	15.569	169	1761820	49.631	ng/ul	97	
68) 4-Bromophenyl-phenylether	16.239	248	637761	51.110	ng/ul	99	
69) Hexachlorobenzene	16.351	284	561981	39.737	ng/ul	95	
70) Atrazine	16.522	200	517374	46.160	ng/ul	99	
71) Pentachlorophenol	16.704	266	400337	44.244	ng/ul	94	
72) Phenanthrene	17.092	178	3220135	49.084	ng/ul	100	
74) Anthracene	17.186	178	2857188	42.981	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.087	216	897159	54.123	ng/ul	99	
76) Pentachlorobenzene	14.616	250	725849	44.956	ng/ul	97	
77) Carbazole	17.457	167	2342578	41.327	ng/ul	99	
78) Di-n-butylphthalate	18.022	149	3497059	44.843	ng/ul	100	
80) Fluoranthene	19.116	202	3372840	68.694	ng/ul	95	
82) Pyrene	19.480	202	2577685	51.169	ng/ul	95	
83) Butylbenzylphthalate	20.386	149	1231811	51.771	ng/ul	91	
84) 3,3'-Dichlorobenzidine	21.204	252	495299	33.642	ng/ul	97	
85) Benzo(a)anthracene	21.274	228	2622534	51.033	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.198	149	1711406	49.343	ng/ul	98	
87) Chrysene	21.333	228	2456786	51.182	ng/ul	98	
89) Di-n-octyl phthalate	22.304	149	2782098	44.932	ng/ul	100	
90) Benzo(b)fluoranthene	23.292	252	2853518	51.618	ng/ul	98	
91) Benzo(k)fluoranthene	23.357	252	2520299	46.461	ng/ul	99	
93) Benzo(a)pyrene	24.080	252	1226595	23.690	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	27.509	276	2358479	39.530	ng/ul	98	
95) Dibenzo(a,h)anthracene	27.574	278	2569525	52.751	ng/ul	97	
96) Benzo(g,h,i)perylene	28.533	276	227674	4.800	ng/ul	96	

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

