

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020760.D
 Acq On : 02 Jul 2024 21:32
 Operator : MA/JU
 Sample : P3065-02MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CX6MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:02:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	216873	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	874889	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.369	164	547813	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	977043	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	697439	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	863309	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	22428	4.441	ng/uL	0.00
4) Pyridine-d5	3.687	84	198903	13.513	ng/u1	0.00
7) Phenol-d5	6.928	99	628909	35.357	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	351688	31.187	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	515935	35.490	ng/u1	0.00
15) 4-Methylphenol-d8	8.452	113	524100	36.278	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	256862	39.766	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	294752	45.599	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	579477	43.521	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	284358	15.239	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1690659	44.387	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1816871	39.976	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	238912	41.053	ng/u1	0.01
60) Fluorene-d10	15.381	176	1350426	42.133	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	239180	48.577	ng/u1	0.01
73) Anthracene-d10	17.287	188	1864553	42.521	ng/u1	0.00
81) Pyrene-d10	19.669	212	1575022	37.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	1247311	29.702	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	73381	12.984	ng/uL	97
5) Pyridine	3.705	79	298233	19.560	ng/u1	96
6) Benzaldehyde	6.899	77	252857	28.110	ng/u1	100
8) Phenol	6.958	94	790876	43.600	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.175	93	578195	38.501	ng/u1	97
12) 2-Chlorophenol	7.316	128	619912	42.419	ng/u1	98
13) 2-Methylphenol	8.181	108	597713	42.948	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	815192	35.719	ng/u1	99
16) Acetophenone	8.563	105	958976	41.566	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.546	70	467428	38.116	ng/u1	99
18) 4-Methylphenol	8.511	108	655718	44.511	ng/u1	98
19) Hexachloroethane	8.805	117	195453	30.809	ng/u1	89
22) Nitrobenzene	8.934	77	696030	41.567	ng/u1	96
23) Isophorone	9.458	82	1369256	41.270	ng/u1	97
25) 2-Nitrophenol	9.634	139	369016	52.863	ng/u1	94
26) 2,4-Dimethylphenol	9.693	107	648487	39.887	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.928	93	811374	41.109	ng/u1	98
29) 2,4-Dichlorophenol	10.169	162	653202	49.564	ng/u1	98
30) Naphthalene	10.557	128	1989103	42.477	ng/u1	100
32) 4-Chloroaniline	10.675	127	380160	21.161	ng/u1	100
33) Hexachlorobutadiene	10.828	225	445052	45.170	ng/u1	100
34) Caprolactam	11.487	113	179510	44.760	ng/u1	83
35) 4-Chloro-3-methylphenol	11.805	107	720386	49.507	ng/u1	97
36) 2-Methylnaphthalene	12.169	142	1406073	44.825	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1450425	45.231	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.540	216	817459	46.673	ng/ul	98
40) Hexachlorocyclopentadiene	12.510	237	270330	24.798	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	540208	51.703	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	591516	54.586	ng/ul	97
43) 1,1'-Biphenyl	13.193	154	1852202	45.210	ng/ul	98
44) 2-Chloronaphthalene	13.234	162	1435191	44.477	ng/ul	99
45) 2-Nitroaniline	13.446	65	436042	53.650	ng/ul	92
47) Dimethylphthalate	13.822	163	1847077	47.606	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	389264	56.265	ng/ul	94
50) Acenaphthylene	14.087	152	2280075	44.412	ng/ul	100
51) 3-Nitroaniline	14.287	138	300118	46.674	ng/ul	96
52) Acenaphthene	14.434	153	1528367	44.878	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	185093	51.577	ng/ul	99
55) 4-Nitrophenol	14.622	109	232780	44.697	ng/ul	96
56) Dibenzofuran	14.775	168	2109271	45.963	ng/ul	100
57) 2,4-Dinitrotoluene	14.751	165	533888	55.905	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.010	232	469915	52.504	ng/ul#	95
59) Diethylphthalate	15.210	149	1842592	48.145	ng/ul	98
61) Fluorene	15.445	166	1713960	46.485	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	877935	45.629	ng/ul	97
63) 4-Nitroaniline	15.475	138	317663	52.054	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.534	198	291408	55.250	ng/ul#	90
67) N-Nitrosodiphenylamine	15.657	169	1463670	50.798	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	565547	51.894	ng/ul	94
69) Hexachlorobenzene	16.457	284	495631	40.627	ng/ul	96
70) Atrazine	16.640	200	366864	36.116	ng/ul	100
71) Pentachlorophenol	16.828	266	340383	48.463	ng/ul	97
72) Phenanthrene	17.234	178	3529171	68.979	ng/ul	100
74) Anthracene	17.322	178	2546779	48.392	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.151	216	835004	52.649	ng/uL	99
76) Pentachlorobenzene	14.693	250	660218	43.677	ng/uL	98
77) Carbazole	17.610	167	1936444	44.584	ng/ul	100
78) Di-n-butylphthalate	18.198	149	2967935	52.611	ng/ul	100
80) Fluoranthene	19.328	202	4716630	92.157	ng/ul	98
82) Pyrene	19.704	202	3600673	68.598	ng/ul	98
83) Butylbenzylphthalate	20.657	149	1049906	53.868	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.551	252	291489	18.903	ng/ul	96
85) Benzo(a)anthracene	21.628	228	3414948	69.857	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.557	149	1979062	65.398	ng/ul	99
87) Chrysene	21.698	228	3373353	73.005	ng/ul	100
89) Di-n-octyl phthalate	22.845	149	2559746	46.187	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	4170904	79.749	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	3110305	58.791	ng/ul	98
93) Benzo(a)pyrene	24.839	252	1771132	35.874	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.833	276	2954091m	46.649	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	2686659	51.621	ng/ul	98
96) Benzo(g,h,i)perylene	29.992	276	327250	6.329	ng/ul	98

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

