

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021328.D
 Acq On : 02 Aug 2024 20:08
 Operator : CG/JU
 Sample : P3265-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D42MSD

Quant Time: Aug 02 23:15:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	184720	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.393	136	755168	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	476732	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1039108	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	1050020	20.000	ng/u1	0.00
88) Perylene-d12	24.810	264	1256384	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	15658	3.857	ng/uL	-0.01
4) Pyridine-d5	3.581	84	219839	18.707	ng/u1	-0.01
7) Phenol-d5	6.840	99	343675	22.821	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	201917	22.124	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.169	132	284746	22.949	ng/u1	-0.01
15) 4-Methylphenol-d8	8.346	113	270672	21.640	ng/u1	-0.02
21) Nitrobenzene-d5	8.775	128	135437	23.090	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.487	143	156808	23.358	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.046	165	290292	23.913	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	323885	20.140	ng/u1	-0.01
46) Dimethylphthalate-d6	13.663	166	798718	23.047	ng/u1	-0.02
49) Acenaphthylene-d8	13.951	160	946964	24.335	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	171845	34.851	ng/u1	0.00
60) Fluorene-d10	15.281	176	713595	25.099	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	138289	21.995	ng/u1	-0.01
73) Anthracene-d10	17.187	188	1133112	24.552	ng/u1	0.00
81) Pyrene-d10	19.569	212	1418593	21.853	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	1587016	25.612	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	51072	11.440	ng/uL	93
5) Pyridine	3.599	79	329435	27.178	ng/u1	99
6) Benzaldehyde	6.793	77	223767	29.473	ng/u1	96
8) Phenol	6.864	94	466304	30.600	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.058	93	349866	27.792	ng/u1	100
12) 2-Chlorophenol	7.199	128	375975	30.233	ng/u1	98
13) 2-Methylphenol	8.087	108	338464	28.719	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.128	45	513231	28.219	ng/u1	97
16) Acetophenone	8.440	105	552904	28.641	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.416	70	272601	26.950	ng/u1	97
18) 4-Methylphenol	8.416	108	370632	29.355	ng/u1	99
19) Hexachloroethane	8.663	117	154073	27.570	ng/u1	99
22) Nitrobenzene	8.816	77	416201	29.621	ng/u1	99
23) Isophorone	9.340	82	765088	27.390	ng/u1	98
25) 2-Nitrophenol	9.516	139	215434	30.769	ng/u1	97
26) 2,4-Dimethylphenol	9.593	107	281930	20.420	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.805	93	461452	27.178	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	359241	30.028	ng/u1	98
30) Naphthalene	10.440	128	1173761	29.549	ng/u1	100
32) 4-Chloroaniline	10.569	127	330994	21.554	ng/u1	99
33) Hexachlorobutadiene	10.687	225	245874	27.409	ng/u1	99
34) Caprolactam	11.393	113	118399m	32.126	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	399741	30.739	ng/u1	99
36) 2-Methylnaphthalene	12.052	142	784750	28.780	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	798755	28.483	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	462630	29.881	ng/ul	96
40) Hexachlorocyclopentadiene	12.381	237	76652	9.464	ng/ul	96
41) 2,4,6-Trichlorophenol	12.693	196	290775	29.723	ng/ul	98
42) 2,4,5-Trichlorophenol	12.787	196	312733	30.214	ng/ul	98
43) 1,1'-Biphenyl	13.081	154	1027552	29.493	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	822065	29.556	ng/ul	100
45) 2-Nitroaniline	13.369	65	264780	34.424	ng/ul	97
47) Dimethylphthalate	13.716	163	990045	28.155	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	216546	30.802	ng/ul	99
50) Acenaphthylene	13.981	152	1306502	29.653	ng/ul	99
51) 3-Nitroaniline	14.222	138	213231	34.854	ng/ul	97
52) Acenaphthene	14.322	153	868777	29.709	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	113481	30.737	ng/ul	98
55) 4-Nitrophenol	14.593	109	151756	37.836	ng/ul	83
56) Dibenzofuran	14.669	168	1224384	30.575	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	318653	33.018	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.922	232	264224	29.810	ng/ul	98
59) Diethylphthalate	15.110	149	982696	27.963	ng/ul	100
61) Fluorene	15.334	166	1000096	30.604	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	503886	28.417	ng/ul	98
63) 4-Nitroaniline	15.410	138	217073m	42.846	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	190055	28.505	ng/ul	100
67) N-Nitrosodiphenylamine	15.557	169	855362	28.268	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	326839	26.835	ng/ul	98
69) Hexachlorobenzene	16.363	284	395987	28.356	ng/ul	99
70) Atrazine	16.545	200	217959	19.764	ng/ul	99
71) Pentachlorophenol	16.740	266	202505	26.699	ng/ul	98
72) Phenanthrene	17.128	178	1706066	31.650	ng/ul	99
74) Anthracene	17.222	178	1594798	29.021	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	461130	27.726	ng/ul	98
76) Pentachlorobenzene	14.587	250	450530	27.262	ng/ul	99
77) Carbazole	17.528	167	1531894	34.100	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1753211	28.287	ng/ul	100
80) Fluoranthene	19.222	202	2155763	27.498	ng/ul	99
82) Pyrene	19.598	202	2251901	28.228	ng/ul	99
83) Butylbenzylphthalate	20.545	149	886388	26.668	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	692107	28.846	ng/ul	100
85) Benzo(a)anthracene	21.504	228	2213052	30.087	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	3648170	76.269	ng/ul	99
87) Chrysene	21.575	228	2091636	30.603	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	2385353	28.740	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	2317009	30.390	ng/ul	98
91) Benzo(k)fluoranthene	23.839	252	2218835	29.161	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1987585	27.587	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.568	276	2846255m	30.657	ng/ul	
95) Dibenzo(a,h)anthracene	28.598	278	2295797m	29.862	ng/ul	
96) Benzo(g,h,i)perylene	29.715	276	2213734m	29.278	ng/ul	

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

