

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021199.D
 Acq On : 27 Jul 2024 13:00
 Operator : MA/JU
 Sample : P3280-09MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YDZH7MS

Quant Time: Jul 29 01:20:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 07/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	255648	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1042011	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.281	164	674420	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1434490	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1403373	20.000	ng/u1	-0.01
88) Perylene-d12	24.851	264	1635177	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	12471	2.220	ng/uL	0.00
4) Pyridine-d5	3.599	84	141984	8.730	ng/u1	0.00
7) Phenol-d5	6.863	99	164303	7.883	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	350425	27.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	429975	25.039	ng/u1	-0.01
15) 4-Methylphenol-d8	8.369	113	295965	17.097	ng/u1	-0.01
21) Nitrobenzene-d5	8.793	128	239212	29.556	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.510	143	274469	29.629	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	487120	29.081	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.563	131	489386	22.054	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1618084	33.004	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1747192	31.738	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	134310	19.255	ng/u1	0.01
60) Fluorene-d10	15.298	176	1338932	33.289	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	312672	36.025	ng/u1	0.00
73) Anthracene-d10	17.204	188	2155035	33.824	ng/u1	0.00
81) Pyrene-d10	19.586	212	2656826	30.622	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	2894609	35.892	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	30007	4.857	ng/uL	97
5) Pyridine	3.622	79	161008	9.598	ng/u1	97
6) Benzaldehyde	6.816	77	318374	30.299	ng/u1	99
8) Phenol	6.887	94	178323	8.455	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.081	93	466501	26.776	ng/u1	98
12) 2-Chlorophenol	7.228	128	427181	24.820	ng/u1	99
13) 2-Methylphenol	8.099	108	326823	20.037	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	660424	26.238	ng/u1	97
16) Acetophenone	8.463	105	738835	27.654	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	371967	26.571	ng/u1	99
18) 4-Methylphenol	8.434	108	316972	18.140	ng/u1	98
19) Hexachloroethane	8.693	117	185213	23.947	ng/u1	98
22) Nitrobenzene	8.834	77	552945	28.520	ng/u1	100
23) Isophorone	9.363	82	1084015	28.125	ng/u1	99
25) 2-Nitrophenol	9.540	139	284718	29.470	ng/u1	97
26) 2,4-Dimethylphenol	9.610	107	441918	23.196	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	635041	27.106	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	473765	28.699	ng/u1	99
30) Naphthalene	10.457	128	1513551	27.614	ng/u1	99
32) 4-Chloroaniline	10.587	127	418309	19.741	ng/u1	99
33) Hexachlorobutadiene	10.710	225	321649	25.986	ng/u1	99
34) Caprolactam	11.422	113	30714	6.040	ng/u1	96
35) 4-Chloro-3-methylphenol	11.734	107	539905	30.088	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	1054306	28.022	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	1091619	28.210	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	641911	29.308	ng/ul	97
40) Hexachlorocyclopentadiene	12.404	237	149889	13.082	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	426320	30.804	ng/ul	99
42) 2,4,5-Trichlorophenol	12.792	196	474741	32.421	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	1452781	29.476	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	1150500	29.240	ng/ul	99
45) 2-Nitroaniline	13.387	65	393491	36.163	ng/ul	98
47) Dimethylphthalate	13.745	163	1592715	32.017	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	344034	34.592	ng/ul	100
50) Acenaphthylene	14.010	152	1858869	29.823	ng/ul	99
51) 3-Nitroaniline	14.222	138	331424	38.294	ng/ul	96
52) Acenaphthene	14.351	153	1244377	30.080	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	198264	37.960	ng/ul	100
55) 4-Nitrophenol	14.604	109	77490	13.657	ng/ul#	63
56) Dibenzofuran	14.698	168	1801609	31.802	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	496099	36.337	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.939	232	398574	31.787	ng/ul	96
59) Diethylphthalate	15.134	149	1630678	32.800	ng/ul	99
61) Fluorene	15.357	166	1491596	32.265	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	770514	30.716	ng/ul	97
63) 4-Nitroaniline	15.416	138	337793	47.131	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.481	198	331096	35.972	ng/ul	98
67) N-Nitrosodiphenylamine	15.581	169	1299334	31.105	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	531430	31.607	ng/ul	97
69) Hexachlorobenzene	16.386	284	618582	32.086	ng/ul	97
70) Atrazine	16.563	200	340588	22.372	ng/ul	99
71) Pentachlorophenol	16.757	266	299880	28.640	ng/ul	97
72) Phenanthrene	17.145	178	2454182	32.979	ng/ul	99
74) Anthracene	17.239	178	2431535	32.051	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	632410	27.544	ng/uL	98
76) Pentachlorobenzene	14.610	250	685833	30.061	ng/uL	99
77) Carbazole	17.545	167	2256415	36.384	ng/ul	100
78) Di-n-butylphthalate	18.098	149	2903426	33.934	ng/ul	100
80) Fluoranthene	19.233	202	3030126	28.919	ng/ul	99
82) Pyrene	19.616	202	3185588	29.877	ng/ul	98
83) Butylbenzylphthalate	20.563	149	1351188	30.416	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	864737	26.966	ng/ul	99
85) Benzo(a)anthracene	21.533	228	3208791	32.641	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1898920	29.703	ng/ul	99
87) Chrysene	21.598	228	2983869	32.665	ng/ul	99
89) Di-n-octyl phthalate	22.692	149	3378025	31.272	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	3345592	33.715	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	3256241	32.882	ng/ul	99
93) Benzo(a)pyrene	24.709	252	2783974	29.689	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.645	276	4063214m	33.627	ng/ul	
95) Dibenzo(a,h)anthracene	28.698	278	3314471	33.125	ng/ul	99
96) Benzo(g,h,i)perylene	29.809	276	3132460m	31.831	ng/ul	

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

