

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
 Data File : BP022152.D
 Acq On : 02 Oct 2024 02:42
 Operator : RC/JU
 Sample : P4022-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC70MS

Quant Time: Oct 02 03:22:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	124060	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	480960	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	385214	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.116	188	901911	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1019454	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1234050	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	6670	2.106	ng/uL	0.00
4) Pyridine-d5	3.640	84	58727	6.487	ng/u1	0.00
7) Phenol-d5	6.917	99	89239	8.794	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.046	67	164398	26.308	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	200686	27.332	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	156525	19.465	ng/u1	0.01
21) Nitrobenzene-d5	8.846	128	109771	30.494	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	129950	31.838	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	269448	30.398	ng/u1	0.01
31) 4-Chloroaniline-d4	10.610	131	115070m	10.880	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	902165	30.297	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	944418	29.956	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	55443m	10.885	ng/u1	0.02
60) Fluorene-d10	15.322	176	791075	30.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	205305	36.665	ng/u1	0.00
73) Anthracene-d10	17.216	188	1362264	32.354	ng/u1	0.00
81) Pyrene-d10	19.586	212	1774263	33.593	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	2067152	31.848	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	15736	4.587	ng/uL	98
5) Pyridine	3.658	79	69055	7.508	ng/u1	98
6) Benzaldehyde	6.858	77	272636	47.491	ng/u1#	1
8) Phenol	6.940	94	100343	9.475	ng/u1#	45
10) Bis(2-Chloroethyl)ether	7.134	93	221002	27.265	ng/u1	97
12) 2-Chlorophenol	7.287	128	207427	27.251	ng/u1	97
13) 2-Methylphenol	8.158	108	168248	21.905	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	190938	25.392	ng/u1	96
16) Acetophenone	8.499	105	917683	68.606	ng/u1#	46
17) N-Nitroso-di-n-propyla...	8.499	70	193582	27.916	ng/u1#	94
18) 4-Methylphenol	8.475	108	165230	19.727	ng/u1	99
19) Hexachloroethane	8.769	117	178105m	49.568	ng/u1	
22) Nitrobenzene	8.887	77	313005	28.440	ng/u1	98
23) Isophorone	9.411	82	1028556	53.953	ng/u1	98
25) 2-Nitrophenol	9.587	139	137011	31.372	ng/u1	96
26) 2,4-Dimethylphenol	9.663	107	271076	27.400	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.881	93	309140	28.132	ng/u1	98
29) 2,4-Dichlorophenol	10.128	162	290973	33.041	ng/u1	98
30) Naphthalene	10.516	128	1748629	69.097	ng/u1	100
32) 4-Chloroaniline	10.634	127	78583	7.502	ng/u1	99
33) Hexachlorobutadiene	10.799	225	214325	27.412	ng/u1	98
34) Caprolactam	11.563	113	18794m	7.035	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	287452	30.172	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	1352081	71.893	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	1025847	54.085	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	400640	28.052	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	154768	17.228	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	356899	41.802	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	326708	35.337	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	844597	30.660	ng/ul	98
44) 2-Chloronaphthalene	13.181	162	647393	29.189	ng/ul	99
45) 2-Nitroaniline	13.387	65	213139	33.234	ng/ul	91
47) Dimethylphthalate	13.769	163	891996	29.824	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	188378	32.855	ng/ul	95
50) Acenaphthylene	14.034	152	1001848	30.472	ng/ul	97
51) 3-Nitroaniline	14.228	138	87266	16.717	ng/ul	89
52) Acenaphthene	14.375	153	724775	30.340	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	121933	31.255	ng/ul	93
55) 4-Nitrophenol	14.563	109	63599	11.037	ng/ul	86
56) Dibenzofuran	14.716	168	1060610	29.863	ng/ul	96
57) 2,4-Dinitrotoluene	14.687	165	282939	32.022	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.975	232	9578812	1076.306	ng/ul	96
59) Diethylphthalate	15.151	149	893288	30.179	ng/ul	98
61) Fluorene	15.375	166	910859	30.839	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.369	204	493451	29.019	ng/ul	96
63) 4-Nitroaniline	15.398	138	110286	20.758	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.463	198	264826	43.441	ng/ul#	99
67) N-Nitrosodiphenylamine	15.587	169	764797	32.196	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	359609	33.202	ng/ul	100
69) Hexachlorobenzene	16.398	284	435343	33.103	ng/ul	94
70) Atrazine	16.604	200	182540	17.226	ng/ul	99
71) Pentachlorophenol	16.810	266	25996931m	2962.805	ng/ul	
72) Phenanthrene	17.163	178	1557875	32.944	ng/ul	99
74) Anthracene	17.251	178	1476024	30.672	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	397939	29.402	ng/ul	99
76) Pentachlorobenzene	14.634	250	450280	30.253	ng/ul	99
77) Carbazole	17.522	167	1329629	31.350	ng/ul	100
78) Di-n-butylphthalate	18.116	149	1627478	33.283	ng/ul	99
80) Fluoranthene	19.239	202	1981787	32.829	ng/ul	98
82) Pyrene	19.610	202	2165370	33.324	ng/ul	96
83) Butylbenzylphthalate	20.563	149	786212	34.718	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	49807	2.134	ng/ul	96
85) Benzo(a)anthracene	21.516	228	2191404	31.192	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1100796	33.131	ng/ul	99
87) Chrysene	21.586	228	2093391	31.749	ng/ul	100
89) Di-n-octyl phthalate	22.716	149	1946029	31.922	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2373388	30.982	ng/ul	98
91) Benzo(k)fluoranthene	23.857	252	2339822	30.646	ng/ul	99
93) Benzo(a)pyrene	24.663	252	2097760	29.718	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.539	276	2934048m	31.879	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	2379036	32.087	ng/ul#	97
96) Benzo(g,h,i)perylene	29.692	276	2268991m	31.771	ng/ul	

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

