

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022179.D
 Acq On : 03 Oct 2024 02:58
 Operator : RC/JU
 Sample : P4017-08MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC70MS

Quant Time: Oct 03 07:46:53 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

10/04/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	128762	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.463	136	507263	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	392777	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.151	188	891098	20.000	ng/u1	0.04
79) Chrysene-d12	21.539	240	932638	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1137950	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	8021	2.440	ng/uL	0.00
4) Pyridine-d5	3.634	84	99942	10.636	ng/u1	0.00
7) Phenol-d5	6.887	99	205377	19.499	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	124728	19.231	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	148519	19.489	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	154937	18.564	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	76168	20.062	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	88424	20.541	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	193823	20.733	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	191417	17.160	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	616081	20.291	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	668910	20.809	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	120058	23.117	ng/u1	0.02
60) Fluorene-d10	15.328	176	538451	20.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	107526m	19.436	ng/u1	0.01
73) Anthracene-d10	17.239	188	877492	21.094	ng/u1	0.02
81) Pyrene-d10	19.598	212	1021271	21.136	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	1204128	20.118	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	25299	7.105	ng/uL	99
5) Pyridine	3.652	79	201776	21.136	ng/u1	97
6) Benzaldehyde	6.858	77	236576	39.705	ng/u1#	18
8) Phenol	6.916	94	261249	23.767	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.128	93	195589	23.248	ng/u1	97
12) 2-Chlorophenol	7.275	128	202272	25.603	ng/u1	95
13) 2-Methylphenol	8.146	108	190069	23.842	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.210	45	173558	22.238	ng/u1#	89
16) Acetophenone	8.499	105	1190706	85.766	ng/u1#	43
17) N-Nitroso-di-n-propyla...	8.499	70	176016	24.456	ng/u1#	95
18) 4-Methylphenol	8.469	108	210302	24.191	ng/u1	98
19) Hexachloroethane	8.787	117	201438m	54.014	ng/u1	
22) Nitrobenzene	8.881	77	270458	23.300	ng/u1#	95
23) Isophorone	9.405	82	663448	32.997	ng/u1#	90
25) 2-Nitrophenol	9.587	139	125659	27.281	ng/u1	97
26) 2,4-Dimethylphenol	9.652	107	222523	21.326	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.881	93	265600	22.916	ng/u1	93
29) 2,4-Dichlorophenol	10.122	162	256680	27.635	ng/u1	97
30) Naphthalene	10.510	128	1161174	43.504	ng/u1	100
32) 4-Chloroaniline	10.622	127	146004	13.216	ng/u1	96
33) Hexachlorobutadiene	10.793	225	201602	24.447	ng/u1	97
34) Caprolactam	11.487	113	136528m	48.457	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	255737	25.451	ng/u1	99
36) 2-Methylnaphthalene	12.128	142	1499605	75.603	ng/u1	100

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37) 1-Methylnaphthalene	12.346	142	1090554	54.515	ng/ul	99	10/05/2024
39) 1,2,4,5-Tetrachloroben...	12.493	216	367707	25.250	ng/ul	99	
40) Hexachlorocyclopentadiene	12.475	237	187107	20.426	ng/ul	97	
41) 2,4,6-Trichlorophenol	12.740	196	267606	30.740	ng/ul	98	
42) 2,4,5-Trichlorophenol	12.822	196	262737	27.870	ng/ul	100	
43) 1,1'-Biphenyl	13.140	154	806818	28.725	ng/ul#	98	
44) 2-Chloronaphthalene	13.181	162	579597	25.629	ng/ul	98	
45) 2-Nitroaniline	13.393	65	162346	24.827	ng/ul	89	
47) Dimethylphthalate	13.775	163	730050	23.939	ng/ul	98	
48) 2,6-Dinitrotoluene	13.893	165	161956	27.703	ng/ul	95	
50) Acenaphthylene	14.034	152	862208	25.720	ng/ul	95	
51) 3-Nitroaniline	14.222	138	106297	19.971	ng/ul	87	
52) Acenaphthene	14.381	153	652429	26.785	ng/ul	98	
53) 2,4-Dinitrophenol	14.445	184	110066m	27.670	ng/ul		
55) 4-Nitrophenol	14.563	109	169546m	28.856	ng/ul		
56) Dibenzofuran	14.728	168	918082	25.352	ng/ul	100	
57) 2,4-Dinitrotoluene	14.692	165	248554	27.588	ng/ul#	92	
58) 2,3,4,6-Tetrachlorophenol	14.969	232	4332151	477.402	ng/ul	98	
59) Diethylphthalate	15.169	149	715531	23.708	ng/ul	96	
61) Fluorene	15.387	166	824336	27.372	ng/ul#	97	
62) 4-Chlorophenyl-phenyle...	15.381	204	409803	23.636	ng/ul	94	
63) 4-Nitroaniline	15.410	138	116946	21.588	ng/ul	95	
66) 4,6-Dinitro-2-methylph...	15.475	198	137352	22.804	ng/ul#	77	
67) N-Nitrosodiphenylamine	15.598	169	747645	31.855	ng/ul	90	
68) 4-Bromophenyl-phenylether	16.286	248	294635	27.533	ng/ul	97	
69) Hexachlorobenzene	16.410	284	381870	29.389	ng/ul	97	
70) Atrazine	16.639	200	211832	20.233	ng/ul	94	
71) Pentachlorophenol	16.834	266	29725639m	3428.865	ng/ul		
72) Phenanthrene	17.186	178	1665178	35.640	ng/ul	98	
74) Anthracene	17.269	178	1199936	25.238	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.110	216	358778	26.831	ng/ul	97	
76) Pentachlorobenzene	14.651	250	394848	26.851	ng/ul	99	
77) Carbazole	17.545	167	1024333	24.444	ng/ul	96	
78) Di-n-butylphthalate	18.133	149	1243083	25.730	ng/ul	99	
80) Fluoranthene	19.251	202	1485156	26.892	ng/ul	99	
82) Pyrene	19.627	202	1588274	26.718	ng/ul	96	
83) Butylbenzylphthalate	20.563	149	561694	27.113	ng/ul	94	
84) 3,3'-Dichlorobenzidine	21.445	252	209765	9.823	ng/ul	99	
85) Benzo(a)anthracene	21.522	228	1567068	24.381	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.469	149	867117	28.527	ng/ul#	97	
87) Chrysene	21.586	228	1443353	23.928	ng/ul	100	
89) Di-n-octyl phthalate	22.721	149	1385793	24.652	ng/ul	100	
90) Benzo(b)fluoranthene	23.798	252	1630930	23.088	ng/ul	99	
91) Benzo(k)fluoranthene	23.863	252	1664841	23.646	ng/ul#	99	
93) Benzo(a)pyrene	24.674	252	1496521	22.991	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	28.568	276	2155679m	25.400	ng/ul		
95) Dibenzo(a,h)anthracene	28.651	278	1714189	25.072	ng/ul#	96	
96) Benzo(g,h,i)perylene	29.721	276	1663383	25.258	ng/ul	99	

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

