

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023036.D
 Acq On : 12 Nov 2024 06:35
 Operator : RC/JU
 Sample : PB164736BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS736

Quant Time: Nov 12 07:04:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 11 22:00:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	50679	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	207199	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.198	164	184181	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.016	188	528151	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	648910	20.000	ng/u1	0.00
88) Perylene-d12	24.686	264	784614	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	7279	6.904	ng/uL	0.00
4) Pyridine-d5	3.552	84	101588	32.431	ng/u1	0.00
7) Phenol-d5	6.787	99	133574	35.650	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	74478	33.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	98780	35.997	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	109880	35.637	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	47604	33.002	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	58816	34.202	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	132672	36.840	ng/u1	0.00
31) 4-Chloroaniline-d4	10.487	131	121641	28.312	ng/u1	0.00
46) Dimethylphthalate-d6	13.604	166	450800	33.960	ng/u1	0.00
49) Acenaphthylene-d8	13.887	160	471462	34.038	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.457	143	70998	35.590	ng/u1	-0.01
60) Fluorene-d10	15.222	176	414744	35.636	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	101292	32.015	ng/u1	0.00
73) Anthracene-d10	17.110	188	764195	34.173	ng/u1	0.00
81) Pyrene-d10	19.504	212	1018669	34.081	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.468	264	1351073	36.150	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	15403	12.644	ng/uL	91
5) Pyridine	3.570	79	106355	33.808	ng/u1	97
6) Benzaldehyde	6.764	77	9455	4.385	ng/u1#	80
8) Phenol	6.816	94	139330	35.610	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.022	93	95242	32.393	ng/u1	97
12) 2-Chlorophenol	7.164	128	101799	35.732	ng/u1	94
13) 2-Methylphenol	8.034	108	103118	35.307	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.093	45	110904	33.321	ng/u1	96
16) Acetophenone	8.399	105	173684	33.522	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.381	70	92116	35.606	ng/u1	95
18) 4-Methylphenol	8.358	108	113693	35.244	ng/u1	98
19) Hexachloroethane	8.634	117	45505	33.026	ng/u1	95
22) Nitrobenzene	8.775	77	145396	35.128	ng/u1	96
23) Isophorone	9.287	82	258991	34.995	ng/u1	99
25) 2-Nitrophenol	9.475	139	62480	34.422	ng/u1	94
26) 2,4-Dimethylphenol	9.540	107	134799	34.392	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.758	93	139514	34.261	ng/u1	94
29) 2,4-Dichlorophenol	10.005	162	129853	36.402	ng/u1	97
30) Naphthalene	10.381	128	338188	33.597	ng/u1	99
32) 4-Chloroaniline	10.510	127	71250	17.117	ng/u1	96
33) Hexachlorobutadiene	10.657	225	107445	33.289	ng/u1	99
34) Caprolactam	11.293	113	38921m	36.683	ng/u1	
35) 4-Chloro-3-methylphenol	11.646	107	144823	37.739	ng/u1	95
36) 2-Methylnaphthalene	11.999	142	263188	34.632	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.216	142	256206	32.979	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.375	216	204095	32.823	ng/ul	95
40) Hexachlorocyclopentadiene	12.340	237	89636	27.446	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	134428	35.504	ng/ul	96
42) 2,4,5-Trichlorophenol	12.716	196	147376	36.105	ng/ul	99
43) 1,1'-Biphenyl	13.022	154	398800	33.791	ng/ul	98
44) 2-Chloronaphthalene	13.069	162	321411	33.316	ng/ul	99
45) 2-Nitroaniline	13.287	65	102272	37.754	ng/ul	95
47) Dimethylphthalate	13.657	163	454432	34.712	ng/ul	99
48) 2,6-Dinitrotoluene	13.798	165	92654	36.385	ng/ul	97
50) Acenaphthylene	13.910	152	488275	34.874	ng/ul	100
51) 3-Nitroaniline	14.140	138	79304	36.157	ng/ul	99
52) Acenaphthene	14.263	153	356456	35.068	ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	62941	34.834	ng/ul	96
55) 4-Nitrophenol	14.469	109	92619	39.683	ng/ul	97
56) Dibenzofuran	14.610	168	553383	35.236	ng/ul	97
57) 2,4-Dinitrotoluene	14.593	165	154528	38.074	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.857	232	152766	38.288	ng/ul	98
59) Diethylphthalate	15.040	149	469854	36.289	ng/ul	98
61) Fluorene	15.275	166	459192	35.723	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.263	204	272198	35.964	ng/ul	95
63) 4-Nitroaniline	15.316	138	91135	44.654	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.375	198	111132	32.882	ng/ul#	95
67) N-Nitrosodiphenylamine	15.493	169	408454	33.468	ng/ul	100
68) 4-Bromophenyl-phenylether	16.192	248	195844	32.746	ng/ul	99
69) Hexachlorobenzene	16.304	284	250322	33.247	ng/ul	96
70) Atrazine	16.475	200	183799	31.156	ng/ul	98
71) Pentachlorophenol	16.669	266	159529	34.128	ng/ul	98
72) Phenanthrene	17.057	178	866352	34.742	ng/ul	99
74) Anthracene	17.139	178	857090	34.186	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.987	216	202437	29.031	ng/uL	98
76) Pentachlorobenzene	14.534	250	242241	30.424	ng/uL	96
77) Carbazole	17.434	167	758332	34.669	ng/ul	99
78) Di-n-butylphthalate	18.022	149	875104	36.052	ng/ul	99
80) Fluoranthene	19.163	202	1189322	34.539	ng/ul	98
82) Pyrene	19.539	202	1260905	34.086	ng/ul	99
83) Butylbenzylphthalate	20.486	149	443100	36.382	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.357	252	487139	33.443	ng/ul	99
85) Benzo(a)anthracene	21.433	228	1420951	35.861	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	620311	35.841	ng/ul	97
87) Chrysene	21.498	228	1315487	35.284	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	1081393	33.972	ng/ul	100
90) Benzo(b)fluoranthene	23.663	252	1557569	35.666	ng/ul	99
91) Benzo(k)fluoranthene	23.733	252	1508225	35.082	ng/ul#	98
93) Benzo(a)pyrene	24.533	252	1447653	36.670	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.339	276	1905676	34.647	ng/ul	98
95) Dibenzo(a,h)anthracene	28.386	278	1523371m	34.111	ng/ul	
96) Benzo(g,h,i)perylene	29.462	276	1436333m	34.381	ng/ul	

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

