

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018623.D
 Acq On : 06 Dec 2023 02:27
 Operator : MA/JU
 Sample : 05424-08MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YCG91MSD

Quant Time: Dec 06 03:08:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	390754	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	1722300	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.481	164	1145141	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	2533571	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	2012629	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	2015824	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	45590	3.976	ng/uL	0.00
4) Pyridine-d5	3.687	84	346746	11.289	ng/u1	0.00
7) Phenol-d5	7.017	99	282097	7.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	776814	33.424	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	761928	24.901	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	550867	17.358	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	525397	34.275	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	582166	36.631	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	1046448	32.201	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	1161861	27.357	ng/u1	0.00
46) Dimethylphthalate-d6	13.899	166	3648517	35.698	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	3845404	34.169	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	142656	8.503	ng/u1	0.00
60) Fluorene-d10	15.475	176	3014084	35.133	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	616372	40.574	ng/u1	0.00
73) Anthracene-d10	17.328	188	4837211	36.317	ng/u1	0.00
81) Pyrene-d10	19.563	212	5478361	34.968	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	4475800	38.080	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	56734	4.512	ng/uL	98
5) Pyridine	3.705	79	420597	13.560	ng/u1	98
6) Benzaldehyde	6.993	77	736382	36.372	ng/u1	97
8) Phenol	7.046	94	322855	8.396	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.281	93	1126963	35.684	ng/u1	100
12) 2-Chlorophenol	7.417	128	812814	26.247	ng/u1	99
13) 2-Methylphenol	8.299	108	657531	22.334	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1354249	33.795	ng/u1	98
16) Acetophenone	8.681	105	1751468	37.033	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	873335	33.566	ng/u1	98
18) 4-Methylphenol	8.628	108	619693	19.276	ng/u1	100
19) Hexachloroethane	8.928	117	317901	25.040	ng/u1	96
22) Nitrobenzene	9.058	77	1309649	35.140	ng/u1	97
23) Isophorone	9.587	82	2639328	34.733	ng/u1	99
25) 2-Nitrophenol	9.769	139	620836	36.485	ng/u1	97
26) 2,4-Dimethylphenol	9.828	107	738497	22.190	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1651732	34.429	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	1046477	33.432	ng/u1	99
30) Naphthalene	10.699	128	3428508	32.815	ng/u1	100
32) 4-Chloroaniline	10.810	127	1128653	27.883	ng/u1	100
33) Hexachlorobutadiene	10.981	225	646508	30.840	ng/u1	99
34) Caprolactam	11.610	113	55654	5.798	ng/u1	99
35) 4-Chloro-3-methylphenol	11.934	107	1067783	30.451	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	2543781	34.367	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	2524300	33.770	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	1510592	36.358	ng/ul	98
40) Hexachlorocyclopentadiene	12.652	237	664348	26.977	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	1004784	37.594	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	1097703	37.884	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	3507274	35.413	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	2797953	35.770	ng/ul	99
45) 2-Nitroaniline	13.569	65	853914	40.269	ng/ul	98
47) Dimethylphthalate	13.951	163	3851524	38.283	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	820325	43.158	ng/ul	93
50) Acenaphthylene	14.204	152	4681744	37.000	ng/ul	100
51) 3-Nitroaniline	14.393	138	732175	38.588	ng/ul	99
52) Acenaphthene	14.546	153	3118572	37.276	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	389016	38.617	ng/ul	96
55) 4-Nitrophenol	14.698	109	113145	8.927	ng/ul	98
56) Dibenzofuran	14.881	168	4325654	37.201	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	1177175	44.028	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	977678	40.225	ng/ul	97
59) Diethylphthalate	15.310	149	3881774	39.430	ng/ul	100
61) Fluorene	15.534	166	3458641	37.591	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	1862457	38.597	ng/ul	94
63) 4-Nitroaniline	15.557	138	790558	43.736	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	699684	43.080	ng/ul	95
67) N-Nitrosodiphenylamine	15.740	169	3117366	37.132	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	1267476	39.627	ng/ul	94
69) Hexachlorobenzene	16.528	284	1438141	40.271	ng/ul	99
70) Atrazine	16.698	200	1034036	41.428	ng/ul	98
71) Pentachlorophenol	16.875	266	865051	40.730	ng/ul	99
72) Phenanthrene	17.275	178	5888913	38.486	ng/ul	100
74) Anthracene	17.363	178	5890811	38.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	1550354	35.390	ng/ul	98
76) Pentachlorobenzene	14.798	250	1632404	37.935	ng/ul	100
77) Carbazole	17.640	167	5322892	43.544	ng/ul	99
78) Di-n-butylphthalate	18.192	149	6642288	40.807	ng/ul	100
80) Fluoranthene	19.239	202	6875957	37.130	ng/ul	98
82) Pyrene	19.592	202	6881735	36.836	ng/ul	97
83) Butylbenzylphthalate	20.469	149	2862352	41.851	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1531130	31.306	ng/ul	98
85) Benzo(a)anthracene	21.298	228	6447381	39.467	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.228	149	3751371	39.907	ng/ul#	98
87) Chrysene	21.351	228	5929058	39.412	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	6520794	44.305	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	5954056	40.060	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	5796624	40.308	ng/ul	100
93) Benzo(a)pyrene	23.586	252	5458174	40.191	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.151	276	6678446	41.159	ng/ul	97
95) Dibenzo(a,h)anthracene	26.174	278	5551903	41.132	ng/ul	98
96) Benzo(g,h,i)perylene	26.915	276	5394151	41.308	ng/ul	97

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

