

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021052.D
 Acq On : 18 Jul 2024 19:03
 Operator : MA/JU
 Sample : P3260-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E08F4MSD

Quant Time: Jul 18 22:59:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	128698	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.451	136	522513	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	337628	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	736943	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	775286	20.000	ng/u1	0.00
88) Perylene-d12	24.892	264	961649	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	11742	4.152	ng/uL	0.00
4) Pyridine-d5	3.658	84	59490	7.266	ng/u1	0.00
7) Phenol-d5	6.899	99	83236	7.933	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	168117	26.439	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	224669	25.989	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	150154	17.230	ng/u1	-0.01
21) Nitrobenzene-d5	8.840	128	119363	29.411	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	137637	29.631	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	245411	29.218	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	268174	24.101	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	779763	31.770	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	848746	30.797	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	69021	19.765	ng/u1	0.02
60) Fluorene-d10	15.322	176	661410	32.848	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	143133	32.101	ng/u1	0.00
73) Anthracene-d10	17.233	188	1153085	35.229	ng/u1	0.00
81) Pyrene-d10	19.616	212	1483749	30.956	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	1719654	36.258	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	14895	4.789	ng/uL	96
5) Pyridine	3.675	79	73290	8.678	ng/u1	97
6) Benzaldehyde	6.852	77	161924	30.611	ng/u1	97
8) Phenol	6.928	94	91884	8.654	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.128	93	233336	26.604	ng/u1	98
12) 2-Chlorophenol	7.269	128	227036	26.203	ng/u1	97
13) 2-Methylphenol	8.146	108	175524	21.376	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.210	45	316738m	24.996	ng/u1	
16) Acetophenone	8.505	105	387020	28.775	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.475	70	191695	27.201	ng/u1	99
18) 4-Methylphenol	8.475	108	169071	19.220	ng/u1	97
19) Hexachloroethane	8.728	117	83598	21.471	ng/u1	99
22) Nitrobenzene	8.881	77	283151	29.125	ng/u1	99
23) Isophorone	9.393	82	533206	27.588	ng/u1	99
25) 2-Nitrophenol	9.575	139	148905	30.737	ng/u1	97
26) 2,4-Dimethylphenol	9.652	107	231554	24.239	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.857	93	311591	26.523	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	248690	30.043	ng/u1	99
30) Naphthalene	10.499	128	766249	27.879	ng/u1	100
32) 4-Chloroaniline	10.622	127	239030	22.496	ng/u1	98
33) Hexachlorobutadiene	10.757	225	151407	24.394	ng/u1	99
34) Caprolactam	11.457	113	18068	7.085	ng/u1	92
35) 4-Chloro-3-methylphenol	11.757	107	280861	31.214	ng/u1	99
36) 2-Methylnaphthalene	12.098	142	537708	28.501	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	555814	28.645	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.469	216	318914	29.085	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	66135	11.530	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	220125	31.771	ng/ul	100
42) 2,4,5-Trichlorophenol	12.828	196	246865	33.676	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	744907	30.189	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	583872	29.641	ng/ul	99
45) 2-Nitroaniline	13.398	65	201474	36.986	ng/ul	99
47) Dimethylphthalate	13.763	163	803502	32.264	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	174331	35.014	ng/ul	99
50) Acenaphthylene	14.022	152	972414	31.164	ng/ul	99
51) 3-Nitroaniline	14.251	138	165389	38.172	ng/ul	98
52) Acenaphthene	14.375	153	642797	31.038	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	88209	33.735	ng/ul	94
55) 4-Nitrophenol	14.628	109	44088m	15.521	ng/ul	
56) Dibenzofuran	14.716	168	938090	33.077	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	269022	39.361	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.975	232	211402	33.677	ng/ul	99
59) Diethylphthalate	15.157	149	806370	32.399	ng/ul	99
61) Fluorene	15.387	166	794209	34.317	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	396197	31.549	ng/ul	98
63) 4-Nitroaniline	15.434	138	180273	50.243	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.504	198	160596	33.963	ng/ul	96
67) N-Nitrosodiphenylamine	15.604	169	690933	32.197	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	260715	30.183	ng/ul	98
69) Hexachlorobenzene	16.410	284	320114	32.321	ng/ul	98
70) Atrazine	16.592	200	200294	25.610	ng/ul	99
71) Pentachlorophenol	16.781	266	168584	31.340	ng/ul	96
72) Phenanthrene	17.175	178	1361064	35.602	ng/ul	99
74) Anthracene	17.269	178	1372232	35.209	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	322195	27.316	ng/uL	98
76) Pentachlorobenzene	14.634	250	341959	29.176	ng/uL	100
77) Carbazole	17.563	167	1319219	41.407	ng/ul	100
78) Di-n-butylphthalate	18.133	149	1502286	34.177	ng/ul	99
80) Fluoranthene	19.269	202	1745603	30.157	ng/ul	100
82) Pyrene	19.645	202	1845996	31.340	ng/ul	98
83) Butylbenzylphthalate	20.586	149	719514	29.318	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.474	252	385870	21.781	ng/ul	100
85) Benzo(a)anthracene	21.557	228	1859799	34.245	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	993267	28.124	ng/ul	99
87) Chrysene	21.621	228	1780644	35.285	ng/ul	99
89) Di-n-octyl phthalate	22.721	149	1817869	28.616	ng/ul	100
90) Benzo(b)fluoranthene	23.833	252	2051071	35.147	ng/ul	99
91) Benzo(k)fluoranthene	23.904	252	1994634	34.249	ng/ul	99
93) Benzo(a)pyrene	24.727	252	1738683	31.528	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.668	276	2627607	36.976	ng/ul	99
95) Dibenzo(a,h)anthracene	28.727	278	2130670m	36.208	ng/ul	
96) Benzo(g,h,i)perylene	29.827	276	2058104m	35.562	ng/ul	

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

