

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
 Data File : BP016730.D
 Acq On : 24 Aug 2023 16:13
 Operator : MA/JU
 Sample : SSTD04034
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040634

Quant Time: Aug 25 01:29:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 00:53:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	403717	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1772667	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	1098838	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	2422348	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	2157689	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1980429	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	169050	17.306	ng/uL	0.00
4) Pyridine-d5	3.822	84	1241385	41.586	ng/u1	0.00
7) Phenol-d5	7.181	99	1460387	40.681	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	933595	40.804	ng/u1	0.00
11) 2-Chlorophenol-d4	7.557	132	1143017	42.348	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	1190088	40.610	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	581968	43.420	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	629279	44.542	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	1133814	43.048	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	1669746	41.339	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	3427607	41.363	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	3979491	42.480	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	694505	40.548	ng/u1	0.00
60) Fluorene-d10	15.686	176	2882040	41.300	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	595701	41.294	ng/u1	0.00
73) Anthracene-d10	17.563	188	4475834	41.685	ng/u1	0.00
81) Pyrene-d10	19.792	212	5182345	43.731	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	4225276	42.593	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	178284	16.760	ng/uL	99
5) Pyridine	3.840	79	1274565	41.451	ng/u1	99
6) Benzaldehyde	7.193	77	835546	42.561	ng/u1	99
8) Phenol	7.210	94	1527164	40.649	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.469	93	1243708	41.012	ng/u1	99
12) 2-Chlorophenol	7.593	128	1154736	41.855	ng/u1	98
13) 2-Methylphenol	8.475	108	1147823	40.730	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.551	45	1811470m	40.946	ng/u1	
16) Acetophenone	8.893	105	1868699	41.124	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	1007820	42.085	ng/u1	99
18) 4-Methylphenol	8.816	108	1247712	40.658	ng/u1	98
19) Hexachloroethane	9.110	117	475885	41.456	ng/u1	99
22) Nitrobenzene	9.281	77	1444181	42.000	ng/u1	100
23) Isophorone	9.798	82	2825133	42.303	ng/u1	99
25) 2-Nitrophenol	9.987	139	682203	43.671	ng/u1	100
26) 2,4-Dimethylphenol	10.022	107	1315229	41.890	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.281	93	1715802	41.644	ng/u1	99
29) 2,4-Dichlorophenol	10.504	162	1120818	42.364	ng/u1	99
30) Naphthalene	10.922	128	3767683	41.030	ng/u1	100
32) 4-Chloroaniline	11.051	127	1637764	41.260	ng/u1	100
33) Hexachlorobutadiene	11.151	225	669433	41.077	ng/u1	98
34) Caprolactam	11.881	113	395920m	40.236	ng/u1	
35) 4-Chloro-3-methylphenol	12.145	107	1253636	42.255	ng/u1	99
36) 2-Methylnaphthalene	12.522	142	2613601	41.235	ng/u1	100

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37) 1-Methylnaphthalene	12.739	142	2628288	41.121	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	1315932	42.018	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	830778	36.071	ng/ul	99
41) 2,4,6-Trichlorophenol	13.122	196	909915	43.507	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	983930	43.477	ng/ul	98
43) 1,1'-Biphenyl	13.528	154	3393241	41.533	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	2692733	41.751	ng/ul	99
45) 2-Nitroaniline	13.804	65	858124	43.873	ng/ul	97
47) Dimethylphthalate	14.151	163	3440042	40.990	ng/ul	100
48) 2,6-Dinitrotoluene	14.292	165	728424	44.302	ng/ul	99
50) Acenaphthylene	14.422	152	4463411	41.628	ng/ul	100
51) 3-Nitroaniline	14.634	138	707969	41.344	ng/ul	97
52) Acenaphthene	14.757	153	2927258	41.267	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	416426	34.848	ng/ul	100
55) 4-Nitrophenol	14.916	109	524035	40.512	ng/ul	98
56) Dibenzofuran	15.092	168	3961950	40.706	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	1054168	43.551	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.304	232	815653	42.335	ng/ul	99
59) Diethylphthalate	15.504	149	3482684	40.849	ng/ul	99
61) Fluorene	15.745	166	3298997	40.523	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.733	204	1635993	40.930	ng/ul	98
63) 4-Nitroaniline	15.804	138	673318	41.322	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.828	198	637235	40.972	ng/ul	99
67) N-Nitrosodiphenylamine	15.957	169	2788716	41.624	ng/ul	100
68) 4-Bromophenyl-phenylether	16.633	248	963038	41.467	ng/ul	93
69) Hexachlorobenzene	16.716	284	1057974	40.686	ng/ul	95
70) Atrazine	16.910	200	1073972	42.519	ng/ul	99
71) Pentachlorophenol	17.080	266	739357	38.303	ng/ul	100
72) Phenanthrene	17.504	178	5226205	40.982	ng/ul	99
74) Anthracene	17.598	178	5321310	41.268	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	1395600	43.028	ng/ul	99
76) Pentachlorobenzene	14.981	250	1210192	41.751	ng/ul	98
77) Carbazole	17.875	167	4868402	41.922	ng/ul	99
78) Di-n-butylphthalate	18.386	149	6118705	42.231	ng/ul	100
80) Fluoranthene	19.463	202	6250282	43.907	ng/ul	99
82) Pyrene	19.821	202	6321101	42.987	ng/ul	99
83) Butylbenzylphthalate	20.674	149	2855241	45.024	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.474	252	1982423	42.985	ng/ul	99
85) Benzo(a)anthracene	21.539	228	6187433	41.632	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	4133193	44.636	ng/ul	100
87) Chrysene	21.598	228	5607046	41.532	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	6865498	46.029	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	5330643	42.151	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	5478791	43.805	ng/ul	99
93) Benzo(a)pyrene	24.015	252	4879787	42.659	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.868	276	4720869	40.387	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	3944189	40.626	ng/ul	99
96) Benzo(g,h,i)perylene	27.727	276	3572356	40.311	ng/ul	99

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

