

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090623\
 Data File : BP016975.D
 Acq On : 07 Sep 2023 03:39
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020719

Quant Time: Sep 07 04:15:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 06 01:52:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/07/2023
 Supervised By :mohammad ahmed 09/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	453332	20.000	ng/u1	0.00
20) Naphthalene-d8	10.805	136	1955525	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	1211102	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	2582641	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	2107757	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	1923259	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	98282	8.201	ng/uL	0.00
4) Pyridine-d5	3.764	84	718709	20.987	ng/u1	0.00
7) Phenol-d5	7.128	99	871687	21.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.317	67	556286	21.473	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	643520	21.469	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	677450	21.471	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	329698	21.732	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	358822	21.819	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	650457	21.423	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	927668	21.177	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1911630	21.205	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	2223786	21.374	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	365714	20.768	ng/u1	0.00
60) Fluorene-d10	15.634	176	1635444	21.188	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	294849	18.971	ng/u1	0.00
73) Anthracene-d10	17.510	188	2516205	21.215	ng/u1	0.00
81) Pyrene-d10	19.745	212	2705532	21.074	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	2016326	20.665	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	107866	8.336	ng/uL	98
5) Pyridine	3.787	79	756175	20.742	ng/u1	97
6) Benzaldehyde	7.134	77	496428	26.446	ng/u1	99
8) Phenol	7.158	94	909454	21.135	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.417	93	733275	21.369	ng/u1	98
12) 2-Chlorophenol	7.534	128	682776	21.381	ng/u1	99
13) 2-Methylphenol	8.422	108	665318	21.079	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.511	45	1046518m	21.661	ng/u1	
16) Acetophenone	8.828	105	1112011	21.840	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.805	70	599021	22.023	ng/u1	100
18) 4-Methylphenol	8.758	108	739673	21.488	ng/u1	97
19) Hexachloroethane	9.046	117	284159	21.480	ng/u1	98
22) Nitrobenzene	9.222	77	874658	21.592	ng/u1	100
23) Isophorone	9.734	82	1641401	21.568	ng/u1	100
25) 2-Nitrophenol	9.928	139	395920	21.866	ng/u1	99
26) 2,4-Dimethylphenol	9.963	107	792690	21.442	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	1007041	21.351	ng/u1	99
29) 2,4-Dichlorophenol	10.446	162	661513	21.379	ng/u1	99
30) Naphthalene	10.858	128	2239431	20.987	ng/u1	100
32) 4-Chloroaniline	10.993	127	972082	21.323	ng/u1	99
33) Hexachlorobutadiene	11.087	225	382095	20.660	ng/u1	97
34) Caprolactam	11.816	113	220536m	21.521	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	743546	21.928	ng/u1	99
36) 2-Methylnaphthalene	12.463	142	1517950	21.526	ng/u1	100

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37) 1-Methylnaphthalene	12.681	142	1516481	21.360	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	755046	21.160	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	421393	18.226	ng/ul	96
41) 2,4,6-Trichlorophenol	13.063	196	517022	21.289	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	571005	21.609	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	2019965	21.071	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	1582674	21.027	ng/ul	99
45) 2-Nitroaniline	13.751	65	509688	22.738	ng/ul	97
47) Dimethylphthalate	14.099	163	1997507	21.117	ng/ul	99
48) 2,6-Dinitrotoluene	14.246	165	408042	22.212	ng/ul	97
50) Acenaphthylene	14.369	152	2505225	21.505	ng/ul	100
51) 3-Nitroaniline	14.581	138	414070	22.586	ng/ul	100
52) Acenaphthene	14.704	153	1713561	21.082	ng/ul	99
53) 2,4-Dinitrophenol	14.781	184	191383	16.803	ng/ul	98
55) 4-Nitrophenol	14.869	109	299043	21.218	ng/ul	98
56) Dibenzofuran	15.040	168	2367299	21.182	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	585685	22.211	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.251	232	454665	21.341	ng/ul	97
59) Diethylphthalate	15.457	149	2007918	21.242	ng/ul	99
61) Fluorene	15.693	166	1973001	21.413	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	937936	21.063	ng/ul	98
63) 4-Nitroaniline	15.751	138	383359	23.784	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.775	198	302975	18.606	ng/ul	96
67) N-Nitrosodiphenylamine	15.904	169	1639953	21.059	ng/ul	100
68) 4-Bromophenyl-phenylether	16.587	248	529526	20.609	ng/ul	96
69) Hexachlorobenzene	16.663	284	577353	20.499	ng/ul	96
70) Atrazine	16.863	200	568215	21.311	ng/ul	98
71) Pentachlorophenol	17.034	266	354287	19.289	ng/ul	99
72) Phenanthrene	17.451	178	3029760	21.112	ng/ul	100
74) Anthracene	17.545	178	3076625	21.326	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.428	216	763846	20.763	ng/uL	99
76) Pentachlorobenzene	14.928	250	737810	20.821	ng/uL	100
77) Carbazole	17.828	167	2782258	21.461	ng/ul	99
78) Di-n-butylphthalate	18.339	149	3422216	21.547	ng/ul	99
80) Fluoranthene	19.416	202	3380531	21.088	ng/ul	99
82) Pyrene	19.775	202	3499213	21.024	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1516750	22.036	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.428	252	966300	20.657	ng/ul	99
85) Benzo(a)anthracene	21.486	228	3177451	21.405	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.369	149	2138772	22.492	ng/ul	99
87) Chrysene	21.545	228	2956675	21.293	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	3430010	21.275	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2763099	20.563	ng/ul	100
91) Benzo(k)fluoranthene	23.310	252	2716856	20.879	ng/ul	100
93) Benzo(a)pyrene	23.933	252	2321439	20.713	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.739	276	2605281	20.941	ng/ul	99
95) Dibenzo(a,h)anthracene	26.763	278	2151697	20.954	ng/ul	99
96) Benzo(g,h,i)perylene	27.586	276	2052734	20.937	ng/ul	97

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

