

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021291.D
 Acq On : 01 Aug 2024 13:24
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020719

Quant Time: Aug 02 01:53:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2024
 Supervised By :mohammad ahmed 09/04/2024

08/02/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	204593	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	841738	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	597514	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1344582	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1023572	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1268192	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	28729	6.390	ng/uL	-0.01
4) Pyridine-d5	3.581	84	205403	15.781	ng/u1	-0.01
7) Phenol-d5	6.840	99	286131	17.154	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	158624	15.692	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	252444	18.369	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	240418	17.354	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	123208	18.845	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	145804	19.485	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	264710	19.563	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.557	131	344625	19.225	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	801029	18.442	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	920154	18.866	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	149591	24.205	ng/u1	0.00
60) Fluorene-d10	15.287	176	709553	19.912	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	142080	17.464	ng/u1	0.00
73) Anthracene-d10	17.198	188	1150735	19.269	ng/u1	0.00
81) Pyrene-d10	19.586	212	1210736	19.133	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.598	264	1153414	18.441	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.199	88	29738	6.014	ng/uL	97
5) Pyridine	3.599	79	209309	15.591	ng/u1	98
6) Benzaldehyde	6.799	77	171274m	20.368	ng/u1	
8) Phenol	6.869	94	287940	17.060	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	228002	16.352	ng/u1	95
12) 2-Chlorophenol	7.211	128	247035	17.935	ng/u1	95
13) 2-Methylphenol	8.093	108	228082	17.473	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	283389	14.068	ng/u1#	92
16) Acetophenone	8.452	105	370016	17.305	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.428	70	173900	15.522	ng/u1	95
18) 4-Methylphenol	8.428	108	243211	17.392	ng/u1	95
19) Hexachloroethane	8.669	117	106422	17.194	ng/u1	92
22) Nitrobenzene	8.828	77	271931	17.363	ng/u1	98
23) Isophorone	9.340	82	511567	16.431	ng/u1	96
25) 2-Nitrophenol	9.534	139	147817	18.940	ng/u1	94
26) 2,4-Dimethylphenol	9.599	107	277210	18.013	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	311211	16.444	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	256672	19.248	ng/u1	99
30) Naphthalene	10.434	128	823129	18.591	ng/u1	99
32) 4-Chloroaniline	10.575	127	324928	18.983	ng/u1	100
33) Hexachlorobutadiene	10.699	225	194576	19.460	ng/u1	98
34) Caprolactam	11.399	113	80383m	19.568	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	283866	19.583	ng/u1	96
36) 2-Methylnaphthalene	12.057	142	572096	18.823	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.281	142	592174	18.945	ng/ul	98	08/03/2024
39) 1,2,4,5-Tetrachloroben...	12.428	216	368397	18.985	ng/ul	99	
40) Hexachlorocyclopentadiene	12.387	237	169245	16.673	ng/ul	98	
41) 2,4,6-Trichlorophenol	12.698	196	229265	18.698	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.798	196	240877	18.567	ng/ul	99	
43) 1,1'-Biphenyl	13.081	154	774364	17.733	ng/ul	99	
44) 2-Chloronaphthalene	13.134	162	638579	18.318	ng/ul	99	
45) 2-Nitroaniline	13.369	65	170426	17.678	ng/ul	94	
47) Dimethylphthalate	13.734	163	805696	18.281	ng/ul	100	
48) 2,6-Dinitrotoluene	13.875	165	172976	19.631	ng/ul	93	
50) Acenaphthylene	13.993	152	1027588	18.608	ng/ul	100	
51) 3-Nitroaniline	14.222	138	167371	21.828	ng/ul	90	
52) Acenaphthene	14.340	153	688836	18.794	ng/ul	97	
53) 2,4-Dinitrophenol	14.457	184	109066	23.570	ng/ul	94	
55) 4-Nitrophenol	14.592	109	101973	20.285	ng/ul#	74	
56) Dibenzofuran	14.687	168	956686	19.061	ng/ul	96	
57) 2,4-Dinitrotoluene	14.704	165	258130	21.340	ng/ul#	81	
58) 2,3,4,6-Tetrachlorophenol	14.934	232	225803	20.326	ng/ul	94	
59) Diethylphthalate	15.116	149	813084	18.460	ng/ul	98	
61) Fluorene	15.345	166	796977	19.459	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.340	204	436654	19.647	ng/ul	94	
63) 4-Nitroaniline	15.422	138	163276	25.713	ng/ul	99	
66) 4,6-Dinitro-2-methylph...	15.475	198	145382	16.851	ng/ul	94	
67) N-Nitrosodiphenylamine	15.563	169	680744	17.386	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.257	248	301114	19.106	ng/ul	95	
69) Hexachlorobenzene	16.369	284	365400	20.221	ng/ul	93	
70) Atrazine	16.557	200	277471	19.445	ng/ul	98	
71) Pentachlorophenol	16.751	266	230711	23.507	ng/ul	96	
72) Phenanthrene	17.134	178	1307408	18.744	ng/ul	100	
74) Anthracene	17.234	178	1330516	18.711	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	13.051	216	365177	16.969	ng/uL	98	
76) Pentachlorobenzene	14.592	250	394031	18.426	ng/uL	99	
77) Carbazole	17.522	167	1126209	19.374	ng/ul	99	
78) Di-n-butylphthalate	18.098	149	1445250	18.021	ng/ul	99	
80) Fluoranthene	19.239	202	1474625	19.296	ng/ul#	95	
82) Pyrene	19.616	202	1454566	18.704	ng/ul	96	
83) Butylbenzylphthalate	20.551	149	582284	17.971	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.439	252	422856	18.079	ng/ul	98	
85) Benzo(a)anthracene	21.516	228	1293032	18.033	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.422	149	818095	17.545	ng/ul#	97	
87) Chrysene	21.580	228	1195113	17.938	ng/ul	99	
89) Di-n-octyl phthalate	22.674	149	1226781	14.643	ng/ul	100	
90) Benzo(b)fluoranthene	23.786	252	1383859	17.982	ng/ul	99	
91) Benzo(k)fluoranthene	23.857	252	1369203m	17.827	ng/ul		
93) Benzo(a)pyrene	24.674	252	1301792	17.900	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	28.598	276	1699821	18.138	ng/ul	97	
95) Dibenzo(a,h)anthracene	28.651	278	1421157	18.313	ng/ul	98	
96) Benzo(g,h,i)perylene	29.756	276	1353276m	17.731	ng/ul		

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

