

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
 Data File : BP021883.D
 Acq On : 11 Sep 2024 14:20
 Operator : RC/JU
 Sample : SSTD02033
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020611

Quant Time: Sep 11 15:10:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 15:08:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	93540	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	393724	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	312749	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	1030570	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1129395	20.000	ng/u1	0.00
88) Perylene-d12	24.886	264	1307506	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26150	8.899	ng/uL	0.00
4) Pyridine-d5	3.681	84	183939	21.944	ng/u1	0.00
7) Phenol-d5	6.928	99	139677	14.778	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	85258	16.445	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	117085	18.484	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	121807	16.417	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	58077	18.654	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	62429	19.506	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	135242	21.102	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	174830	19.108	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	464802	19.476	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	508087	19.158	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	86243	19.034	ng/u1	0.00
60) Fluorene-d10	15.351	176	563558	25.881	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	102465	18.134	ng/u1	0.00
73) Anthracene-d10	17.239	188	937774	19.382	ng/u1	0.00
81) Pyrene-d10	19.604	212	1203527	18.831	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	1317807	19.069	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	27201	8.770	ng/uL	100
5) Pyridine	3.699	79	190350	22.528	ng/u1	100
6) Benzaldehyde	6.899	77	97916	20.256	ng/u1	100
8) Phenol	6.952	94	148197	15.041	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.175	93	113675	14.965	ng/u1	100
12) 2-Chlorophenol	7.322	128	120027	18.147	ng/u1	100
13) 2-Methylphenol	8.181	108	110469	15.477	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.257	45	130010	17.285	ng/u1	100
16) Acetophenone	8.552	105	200538	16.920	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.540	70	98520	17.505	ng/u1	100
18) 4-Methylphenol	8.504	108	124693	15.909	ng/u1	100
19) Hexachloroethane	8.816	117	53697	18.139	ng/u1	100
22) Nitrobenzene	8.928	77	153431	17.922	ng/u1	100
23) Isophorone	9.451	82	271348	16.094	ng/u1	100
25) 2-Nitrophenol	9.628	139	69584	19.706	ng/u1	100
26) 2,4-Dimethylphenol	9.693	107	146016	17.302	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.922	93	163002	15.519	ng/u1	100
29) 2,4-Dichlorophenol	10.157	162	134912	20.965	ng/u1	100
30) Naphthalene	10.551	128	407796	18.681	ng/u1	100
32) 4-Chloroaniline	10.663	127	169287	18.524	ng/u1	100
33) Hexachlorobutadiene	10.840	225	102377	23.049	ng/u1	100
34) Caprolactam	11.434	113	41051	15.815	ng/u1	100
35) 4-Chloro-3-methylphenol	11.781	107	144650	17.662	ng/u1	100
36) 2-Methylnaphthalene	12.157	142	298681	19.945	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	309325	20.413	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	195189	19.882	ng/ul	100
40) Hexachlorocyclopentadiene	12.510	237	110575	19.597	ng/ul	100
41) 2,4,6-Trichlorophenol	12.763	196	121319	19.316	ng/ul	100
42) 2,4,5-Trichlorophenol	12.845	196	133131	19.572	ng/ul	100
43) 1,1'-Biphenyl	13.175	154	425731	18.416	ng/ul	100
44) 2-Chloronaphthalene	13.216	162	337483	18.535	ng/ul	100
45) 2-Nitroaniline	13.410	65	96031	17.154	ng/ul	100
47) Dimethylphthalate	13.792	163	467064	19.583	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	89260	20.197	ng/ul	100
50) Acenaphthylene	14.063	152	529524	18.683	ng/ul	100
51) 3-Nitroaniline	14.245	138	90418	19.027	ng/ul	100
52) Acenaphthene	14.410	153	381072	19.012	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	47372	17.771	ng/ul	100
55) 4-Nitrophenol	14.563	109	89068	20.941	ng/ul	100
56) Dibenzofuran	14.751	168	570213	20.238	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	146021	21.587	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.986	232	129636	21.510	ng/ul	100
59) Diethylphthalate	15.181	149	528514	21.499	ng/ul	100
61) Fluorene	15.404	166	646640	26.331	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	334541	26.880	ng/ul	100
63) 4-Nitroaniline	15.422	138	137933	27.464	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.486	198	117807	18.681	ng/ul	100
67) N-Nitrosodiphenylamine	15.622	169	546328	18.441	ng/ul	100
68) 4-Bromophenyl-phenylether	16.310	248	212681	19.009	ng/ul	100
69) Hexachlorobenzene	16.428	284	252756	18.944	ng/ul	100
70) Atrazine	16.598	200	220032	19.354	ng/ul	100
71) Pentachlorophenol	16.775	266	155605	18.268	ng/ul	100
72) Phenanthrene	17.180	178	1099566	19.557	ng/ul	100
74) Anthracene	17.275	178	1106208	19.480	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	197846	14.007	ng/uL	100
76) Pentachlorobenzene	14.669	250	215013	14.500	ng/uL	100
77) Carbazole	17.557	167	1008291	19.782	ng/ul	100
78) Di-n-butylphthalate	18.139	149	1094687	18.019	ng/ul	100
80) Fluoranthene	19.263	202	1385892	18.626	ng/ul	100
82) Pyrene	19.633	202	1532864	19.352	ng/ul	100
83) Butylbenzylphthalate	20.586	149	515678	16.493	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.468	252	504090	18.237	ng/ul	100
85) Benzo(a)anthracene	21.545	228	1544577	19.401	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	760875	16.579	ng/ul	100
87) Chrysene	21.616	228	1483234	19.718	ng/ul	100
89) Di-n-octyl phthalate	22.739	149	1237990	15.772	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1566423	19.387	ng/ul	100
91) Benzo(k)fluoranthene	23.904	252	1594659	19.910	ng/ul	100
93) Benzo(a)pyrene	24.721	252	1455070	19.420	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.662	276	1815460	18.672	ng/ul	100
95) Dibenzo(a,h)anthracene	28.727	278	1485017m	18.959	ng/ul	
96) Benzo(g,h,i)perylene	29.803	276	1421815	18.835	ng/ul	100

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

