

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021266.D
 Acq On : 31 Jul 2024 18:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020717

Quant Time: Jul 31 19:02:47 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 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	170891	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	678503	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	461996	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1021551	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	946381	20.000	ng/u1	# 0.01
88) Perylene-d12	24.845	264	918791	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	25684	6.839	ng/uL	0.00
4) Pyridine-d5	3.587	84	179289	16.491	ng/u1	0.00
7) Phenol-d5	6.840	99	239575	17.196	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	137977	16.342	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	213080	18.563	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	198540	17.158	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	100332	19.038	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	117083	19.411	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	220205	20.189	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	283061	19.590	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	657321	19.572	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	726978	19.278	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	110449m	23.114	ng/u1	0.00
60) Fluorene-d10	15.287	176	555989	20.179	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	114384	18.506	ng/u1	0.00
73) Anthracene-d10	17.192	188	914710	20.160	ng/u1	0.00
81) Pyrene-d10	19.581	212	1077150	18.410	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	871938	19.242	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	28741	6.959	ng/uL#	92
5) Pyridine	3.605	79	182922	16.312	ng/u1	97
6) Benzaldehyde	6.805	77	143131	20.378	ng/u1	96
8) Phenol	6.869	94	240961	17.092	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	195942	16.824	ng/u1	97
12) 2-Chlorophenol	7.205	128	210585	18.304	ng/u1	97
13) 2-Methylphenol	8.093	108	194524	17.841	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.140	45	248974	14.797	ng/u1#	91
16) Acetophenone	8.458	105	316927	17.746	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.428	70	152311	16.277	ng/u1	96
18) 4-Methylphenol	8.422	108	203678	17.437	ng/u1	92
19) Hexachloroethane	8.669	117	90704	17.544	ng/u1	92
22) Nitrobenzene	8.834	77	227549	18.025	ng/u1	98
23) Isophorone	9.340	82	431227	17.182	ng/u1	99
25) 2-Nitrophenol	9.534	139	122396	19.456	ng/u1	93
26) 2,4-Dimethylphenol	9.599	107	237500	19.145	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	266470	17.467	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	209892	19.526	ng/u1	99
30) Naphthalene	10.440	128	685383	19.204	ng/u1	99
32) 4-Chloroaniline	10.587	127	265171	19.219	ng/u1	100
33) Hexachlorobutadiene	10.704	225	167133	20.737	ng/u1	98
34) Caprolactam	11.410	113	62600m	18.905	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	225019	19.258	ng/u1	97
36) 2-Methylnaphthalene	12.063	142	474944	19.386	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	486775	19.319	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	306631	20.437	ng/ul	98
40) Hexachlorocyclopentadiene	12.399	237	158458	20.189	ng/ul	100
41) 2,4,6-Trichlorophenol	12.699	196	182474	19.247	ng/ul	96
42) 2,4,5-Trichlorophenol	12.810	196	193558	19.296	ng/ul	95
43) 1,1'-Biphenyl	13.087	154	633633	18.767	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	509408	18.899	ng/ul	100
45) 2-Nitroaniline	13.369	65	132960	17.838	ng/ul	97
47) Dimethylphthalate	13.734	163	652483	19.147	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	131679	19.328	ng/ul	96
50) Acenaphthylene	13.993	152	806745	18.895	ng/ul	100
51) 3-Nitroaniline	14.222	138	121749	20.536	ng/ul	94
52) Acenaphthene	14.340	153	537985	18.984	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	83202	23.255	ng/ul	93
55) 4-Nitrophenol	14.587	109	71461	18.385	ng/ul#	74
56) Dibenzofuran	14.687	168	770997	19.867	ng/ul	96
57) 2,4-Dinitrotoluene	14.704	165	201348	21.529	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.928	232	177686	20.686	ng/ul#	96
59) Diethylphthalate	15.116	149	659332	19.360	ng/ul	99
61) Fluorene	15.340	166	630054	19.896	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	348968	20.308	ng/ul	96
63) 4-Nitroaniline	15.422	138	118801	24.197	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.475	198	117241	17.887	ng/ul#	95
67) N-Nitrosodiphenylamine	15.563	169	545976	18.354	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	237207	19.811	ng/ul	95
69) Hexachlorobenzene	16.369	284	287570	20.946	ng/ul	93
70) Atrazine	16.551	200	222071	20.483	ng/ul	99
71) Pentachlorophenol	16.751	266	182850	24.522	ng/ul	97
72) Phenanthrene	17.134	178	1032296	19.479	ng/ul	99
74) Anthracene	17.234	178	1058268	19.588	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	299769	18.334	ng/uL	98
76) Pentachlorobenzene	14.593	250	315974	19.448	ng/uL	99
77) Carbazole	17.522	167	897947	20.332	ng/ul	100
78) Di-n-butylphthalate	18.098	149	1164893	19.118	ng/ul	99
80) Fluoranthene	19.233	202	1263616	17.883	ng/ul	97
82) Pyrene	19.610	202	1293617	17.992	ng/ul	97
83) Butylbenzylphthalate	20.551	149	525608	17.545	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.445	252	402381	18.607	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1235754	18.640	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	747160	17.331	ng/ul#	98
87) Chrysene	21.586	228	1160244	18.835	ng/ul	100
89) Di-n-octyl phthalate	22.680	149	1166625	19.221	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1089213	19.535	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	1096205	19.700	ng/ul	99
93) Benzo(a)pyrene	24.680	252	1005179	19.078	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.615	276	1271291	18.724	ng/ul	97
95) Dibenzo(a,h)anthracene	28.668	278	1055771m	18.778	ng/ul	
96) Benzo(g,h,i)perylene	29.768	276	1026332m	18.561	ng/ul	

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

