

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021280.D
 Acq On : 01 Aug 2024 05:28
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020718

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2024

Supervised By :mohammad ahmed 09/04/2024

08/01/2024

Supervised By :mohammad
ahmed

08/03/2024

Quant Time: Aug 01 07:16:32 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	235157	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	981496	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	684457	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1630485	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1599309	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1470490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	40574	7.852	ng/uL	0.00
4) Pyridine-d5	3.587	84	276978	18.514	ng/u1	0.00
7) Phenol-d5	6.852	99	361332	18.847	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	217342	18.707	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	295455	18.705	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	292510	18.370	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	142919	18.747	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	163495	18.738	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	297962	18.885	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	415425	19.875	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	936217	18.816	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1046671	18.734	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	184205m	26.020	ng/u1	0.00
60) Fluorene-d10	15.287	176	805096	19.723	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	170121	17.244	ng/u1	-0.01
73) Anthracene-d10	17.192	188	1374817	18.984	ng/u1	0.00
81) Pyrene-d10	19.575	212	1722204	17.418	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1367202	18.852	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	42345	7.451	ng/uL	97
5) Pyridine	3.605	79	290792	18.845	ng/u1	93
6) Benzaldehyde	6.805	77	230978	23.897	ng/u1	98
8) Phenol	6.875	94	368509	18.995	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	295976	18.468	ng/u1	99
12) 2-Chlorophenol	7.216	128	301518	19.045	ng/u1	99
13) 2-Methylphenol	8.093	108	280997	18.729	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	440470	19.024	ng/u1	97
16) Acetophenone	8.458	105	456258	18.565	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.428	70	228035	17.709	ng/u1	98
18) 4-Methylphenol	8.428	108	297136	18.486	ng/u1	99
19) Hexachloroethane	8.681	117	128786	18.103	ng/u1	99
22) Nitrobenzene	8.828	77	352127	19.282	ng/u1	98
23) Isophorone	9.346	82	661649	18.225	ng/u1	99
25) 2-Nitrophenol	9.534	139	173918	19.112	ng/u1	98
26) 2,4-Dimethylphenol	9.599	107	340663	18.984	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.822	93	398116	18.041	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	293812	18.896	ng/u1	99
30) Naphthalene	10.440	128	970455	18.797	ng/u1	100
32) 4-Chloroaniline	10.581	127	396385	19.860	ng/u1	98
33) Hexachlorobutadiene	10.693	225	209012	17.927	ng/u1	99
34) Caprolactam	11.404	113	102139	21.323	ng/u1	97
35) 4-Chloro-3-methylphenol	11.728	107	336812	19.927	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	664939	18.763	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	692194	18.991	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.440	216	398899	17.945	ng/ul	97
40) Hexachlorocyclopentadiene	12.387	237	205296	17.655	ng/ul	100
41) 2,4,6-Trichlorophenol	12.710	196	250038	17.802	ng/ul	99
42) 2,4,5-Trichlorophenol	12.799	196	268631	18.076	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	911500	18.222	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	724138	18.134	ng/ul	99
45) 2-Nitroaniline	13.381	65	233466	21.141	ng/ul	94
47) Dimethylphthalate	13.728	163	961785	19.050	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	203388	20.150	ng/ul	98
50) Acenaphthylene	13.987	152	1190103	18.814	ng/ul	99
51) 3-Nitroaniline	14.222	138	196611	22.384	ng/ul	100
52) Acenaphthene	14.334	153	791065	18.842	ng/ul	97
53) 2,4-Dinitrophenol	14.463	184	126255	23.818	ng/ul	96
55) 4-Nitrophenol	14.593	109	126633	21.990	ng/ul#	79
56) Dibenzofuran	14.681	168	1108654	19.283	ng/ul	100
57) 2,4-Dinitrotoluene	14.693	165	306528	22.123	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.928	232	249049	19.571	ng/ul	99
59) Diethylphthalate	15.110	149	996897	19.758	ng/ul	100
61) Fluorene	15.345	166	933673	19.901	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.340	204	482355	18.947	ng/ul	98
63) 4-Nitroaniline	15.410	138	201899	27.757	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	181264	17.326	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	800857	16.867	ng/ul	100
68) 4-Bromophenyl-phenylether	16.251	248	321633	16.830	ng/ul	99
69) Hexachlorobenzene	16.375	284	382215	17.443	ng/ul	96
70) Atrazine	16.545	200	331844	19.177	ng/ul	99
71) Pentachlorophenol	16.751	266	259299	21.787	ng/ul	96
72) Phenanthrene	17.134	178	1597198	18.883	ng/ul	100
74) Anthracene	17.234	178	1630671	18.911	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	394083	15.101	ng/uL	98
76) Pentachlorobenzene	14.598	250	425109	16.393	ng/uL	99
77) Carbazole	17.534	167	1484338	21.058	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1852203	19.045	ng/ul	100
80) Fluoranthene	19.228	202	2042546	17.106	ng/ul	99
82) Pyrene	19.604	202	2109174	17.358	ng/ul	97
83) Butylbenzylphthalate	20.551	149	914691	18.068	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	662617	18.131	ng/ul	100
85) Benzo(a)anthracene	21.516	228	2074830	18.520	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	1324603	18.181	ng/ul	99
87) Chrysene	21.580	228	1910862	18.356	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	2223455	22.889	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1746783	19.575	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	1736597	19.500	ng/ul	99
93) Benzo(a)pyrene	24.674	252	1588285	18.835	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.592	276	1899063	17.477	ng/ul	98
95) Dibenzo(a,h)anthracene	28.645	278	1585355	17.619	ng/ul	99
96) Benzo(g,h,i)perylene	29.768	276	1556067m	17.583	ng/ul	

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

