

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021259.D
 Acq On : 31 Jul 2024 13:20
 Operator : CG/JU
 Sample : P3287-04DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XB503DL

Quant Time: Jul 31 13:49:20 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	7.622	152	170073	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.387	136	668159	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	458978	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1014488	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	878624	20.000	ng/u1	0.01
88) Perylene-d12	24.856	264	888455	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3047	0.815	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.840	99	67348	4.857	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	39785	4.735	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	61530	5.386	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	46427	4.032	ng/u1	0.01
21) Nitrobenzene-d5	8.793	128	28443	5.481	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	31061	5.229	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	69242	6.447	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	58288	4.096	ng/u1	0.02
46) Dimethylphthalate-d6	13.686	166	216388	6.485	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	235355	6.282	ng/u1	0.00
54) 4-Nitrophenol-d4	14.586	143	23811	5.016	ng/u1	0.00
60) Fluorene-d10	15.286	176	190602	6.963	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	19156	3.121	ng/u1	0.03
73) Anthracene-d10	17.198	188	298607	6.627	ng/u1	0.00
81) Pyrene-d10	19.592	212	368612	6.786	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.627	264	305843	6.980	ng/u1	0.03
Target Compounds						
					Qvalue	
8) Phenol	6.863	94	234190	16.691	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	473262	40.832	ng/u1	96
12) 2-Chlorophenol	7.204	128	430492	37.598	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.428	70	138633	14.886	ng/u1	93
19) Hexachloroethane	8.669	117	73539	14.293	ng/u1	90
22) Nitrobenzene	8.834	77	261548	21.039	ng/u1	96
23) Isophorone	9.334	82	980292	39.665	ng/u1	98
25) 2-Nitrophenol	9.534	139	134640	21.734	ng/u1	97
29) 2,4-Dichlorophenol	10.081	162	228089	21.548	ng/u1	97
30) Naphthalene	10.434	128	713631	20.305	ng/u1	99
33) Hexachlorobutadiene	10.698	225	156540	19.723	ng/u1	99
35) 4-Chloro-3-methylphenol	11.739	107	115435	10.033	ng/u1	96
36) 2-Methylnaphthalene	12.057	142	886765	36.757	ng/u1	99
41) 2,4,6-Trichlorophenol	12.698	196	133398	14.163	ng/u1	98
42) 2,4,5-Trichlorophenol	12.804	196	203437	20.415	ng/u1	99
44) 2-Chloronaphthalene	13.133	162	752493	28.101	ng/u1	100
48) 2,6-Dinitrotoluene	13.875	165	279770	41.334	ng/u1	92
52) Acenaphthene	14.333	153	984670	34.974	ng/u1	99
55) 4-Nitrophenol	14.604	109	88700	22.970	ng/u1	92
57) 2,4-Dinitrotoluene	14.704	165	140209	15.090	ng/u1#	86
59) Diethylphthalate	15.116	149	1424912	42.115	ng/u1	98
61) Fluorene	15.351	166	286070	9.093	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.339	204	675995	39.597	ng/u1	94
71) Pentachlorophenol	16.751	266	329545	44.503	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Phenanthrene	17.133	178	2519405	47.872	ng/ul	100
74) Anthracene	17.239	178	678400	12.644	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1573679	26.007	ng/ul	100
83) Butylbenzylphthalate	20.557	149	1165196	41.895	ng/ul	98
87) Chrysene	21.598	228	351376	6.144	ng/ul	99
89) Di-n-octyl phthalate	22.686	149	2438307	41.544	ng/ul	100
90) Benzo(b)fluoranthene	23.809	252	839210	15.565	ng/ul	99
93) Benzo(a)pyrene	24.698	252	632412	12.413	ng/ul	99

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

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